

# Era Polymers THE Herald

## ERA POLYMERS NEWS BULLETIN



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# #35

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### LESSONS FROM LIFE # 28 WHAT DOES "STOOKA" MEAN?

Dad was a fantastic story teller.. He grew up in in Era when there were no TV's or radios at home, no newspapers, no BOOKS ..So the elder statesmen of the families, the men, would sit around the "campfire" ..to "tzaki"and tell stories...

Stories about their lives, stories, to scare you, stories to make you laugh, stories about their pain and suffering, about dreams lost, and occasionally, about dreams WON..

Dad was blessed with a photographic memory, so in our younger years, before we too, got a TV, a radio, and some books ( SCIENCE FICTION books ! ) .. he would regale us with stories about his life.



(continued pg 2)

### ERA POLYMERS FOCUSING ON:

## ERA POLYMERS ITALY *Saluti dall'italia*

**Era Polymers appoints Stefano Tappari as European Business Development Manager**

Ladies and Gentlemen,

Era Polymers, is very pleased to announce the appointment of **Stefano Tappari**, as our **European Business Development Manager**.

Stefano comes to our company with a multitude of polyurethane experiences... He has spent more than 25 years in the polyurethane industry in various roles, including Machinery, Technical Service and Sales and Marketing.



(continued pg 8)

What he was also doing, was TEACHING, my sisters and I.

Teaching us about the mistakes, that he had made in his life, about HIS dreams, HIS aspirations, HIS failures... and by so doing, TEACHING us not to make the same mistakes that he had made... we were, are free, to make our own mistakes... but hopefully not the same mistakes that he made.

It wasn't until I reached adulthood, and met my Samian Princess... that all HIS stories, meant something to me.

Dad used to tell us, about his early years on Samos.

By the luck of his DNA, he was the ALPHA male in a family of passives. Uncle Michael, his elder brother, has a passive, submissive personality. So too my grandfather, Pappou George. My auntie Thea Lefki, had a bite to her words, but she was the baby of the family, and was doted on, fussed over, because she was the young DELICATE one...and she was too young to "lead". I only knew my older Aunt, Thea Evangelia, before I was 4... so I have no memories of her.

So, by all intents and purposes, dad ran the family, maybe with a little help from his mother, YiaYia Maria!

ALL of them, I am glad to say, had exceptional intelligence... with a strong sense of... sarcasm !!

My Uncle Michael, told me a story, back in 1993, just after dad had passed away, laughing as he told it, that once upon a time, dad threw his father, my grandfather George, out of the house!

Pappou George, was prone to imbibe in classy Samian wine, EVERY day... so he was perpetually happy...all the time... And not prone to doing much work around the fields of Kamara.

So dad felt that Pappou wasn't pulling his weight... so my father tossed him, out of the house, one dark and cold night!

Our family were Tobacco farmers.

Pre War, Samos had three income streams... Around Karlovassi, was the Aegean's last tannery. Around Tina's village, of Vourloites, and Ambelos and Platanos,

the area flourished, and still does, growing the sweet grapes, that become Samian Nectar... The wine is still exported around the world. Even Metaxa uses the sweet Muscat Samian grapes to make their Brandy!

OUR village, of Mitilini was the tobacco centre of Samos... it produced nearly 60% of the islands tobacco... It was the largest cash crop the island had... so our village was the second largest on Samos, and by all accounts, the richest.



Both mum and dad used to tell me about the backbreaking work, and very long days and nights, that it took to grow AND HARVEST the tobacco leaves. I can't remember why, but the tobacco leaves had to be cut by moonlight, or my lamp light... it was a night time job. The men would cut, the women, and children, would thread the leaves, on string, way before the sun came up.

They would get covered in the sticky sap of the leaves, their bodies, and souls reeked of tobacco... Even my sister Maria, who would have been around 4-6 at that time remembers threading the leaves. Come sunrise, the leaves would be strung on poles, for the sun to dry them out.

It was backbreaking work...Like all farmers, they didn't make much money, considering the effort and time, they put into it.

Then, as now, the middle men, made the money.

The largest merchant in Vathi, the capital, was Mr. Soutas. He was the living walking

god, of the tobacco island. People would stand and courtesy when he walked past. His building was, and still is, the largest building on the island. It now stands empty, all alone, and a distant memory, of a glorious past, of Mr. Soutas.



Sadly, he never married.. and didn't get to pass on his genes, OR, his money.

So, despite the middlemen, like Mr. Soutas, making MOST of the money... our family did rather well.

Dad said that in the '30s they accumulated a drawer full of cash... of DRACHMAS.

The drawer was in the bottom, of a wooden trunk, which my sister Maria, still owns.



Then in 1940, Greece entered the war. It was the 28<sup>th</sup> October... now known as "OXI DAY"... The day that the Greeks said "NO" to Mussolini. The government announced that the OLD DRACHMA currency was finished... it was worthless

Dad and his family now had a whole draw of worthless cash...

All his life, he called the money "STOOKA".

I thought that this was what the money was called.

It wasn't until last year, that my cousin, in Greece, said no, the currency was still called Drachma.

So, I asked my cousin "Stooka" doesn't sound like a Greek word ... "IT isn't", he said.

So, I thought that it was maybe a TURKISH word... so I asked a Turkish friend, OZDEN if SHE knew what it meant ... she didn't.

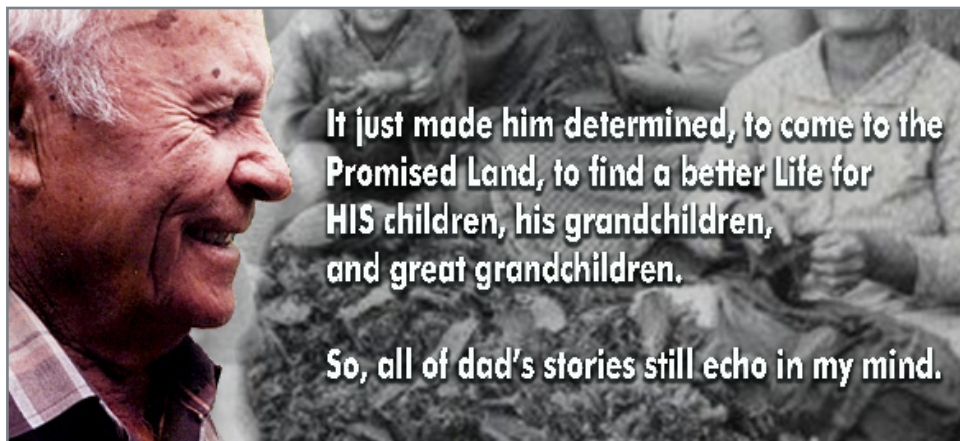
Then I thought, that since for a while, Italy invaded Samos ... maybe it is an Italian word... So, I asked STEFANO.

He said that it was NOT a very polite ITALIAN, word that you would use around ladies... and as he said it, Tina came by ... so I never got to ask what it REALLY meant.

It definitely has a derogatory meaning!

Dad used to tell us that for the very first time, after the currency crashed, he used paper, real paper, ...i.e. STOOKA when going to the toilet.

Thankfully a few notes survived, and they are safe, in our safe.



It just made him determined, to come to the Promised Land, to find a better Life for HIS children, his grandchildren, and great grandchildren.

So, all of dad's stories still echo in my mind.

So, 10-12 years, of three families' backbreaking work, ended up being used as toilet paper.

"Afta ehi i zoi" ... "Such is life" ... Mum would say.

Did it break him ... NO!  
It just made him determined, to come to the Promised Land, to find a better Life for HIS, children, his grandchildren, and great grandchildren.

So, all of dad's stories still echo in my mind.

He was born, an alpha male, super intelligent, blessed with a photographic memory, AND, he was driven all his life ...

Eventually, he breathed that "drive" into me.

Do I do it for the money? ... Nah !

Do I do it to leave some sort of legacy behind?... Nah !

I do it because I listened to his stories...and eventually HIS stories became a part of me...

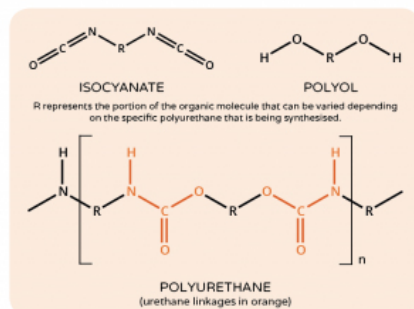
I listened, I learnt HIS, Lessons From Life... and they became me .

*G. Papamanuel, June 2018*

# THE CHEMISTRY OF THE WORLD CUP BALL

## POLYURETHANE COVERING

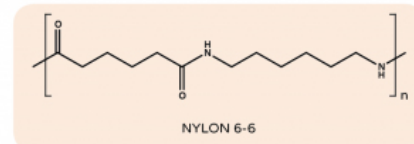
The surface covering of a football is composed of synthetic leather; in professional footballs, this is made from polyurethane polymers. The World Cup ball is made from six polyurethane panels, which are thermally bonded together. This covering protects the ball and minimises water absorption. In cheaper footballs, the coating can be made from PVC.



Polyurethane is a polymer - a very large molecule built up from many smaller units bonded together. The basic synthesis of polyurethanes involves the addition reaction of isocyanate and polyol molecules to form urethane groups.

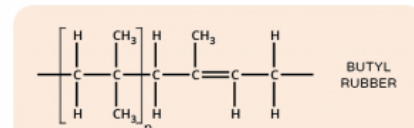
## NYLON LINING

Several layers of lining are used between the covering of the football and the bladder to improve the bounce and strength of the ball. This lining is made of nylon, another class of polymers also known as polyamides. Polyesters can also be used for this purpose.



## BUTYL BLADDER

The bladder is the part of the ball in which the air is contained. Butyl rubber is often used because it retains the air better than the other option, latex. However, latex bladders can provide better surface tension.



## THE PERFECT MOULD FOR STAR MOUNTAIN PLAZA - PNG

Era Polymers Erapol CCM75A was used to create concrete moulds for The Star Mountain Plaza in Port Moresby Papua New Guinea (PNG)

Gordon Hooker based in Queensland, Australia made concrete moulds (Pattern Liners) using Era Polymers **Erapol CCM75A** for Stratumn Unlimited PNG to manufacture pre cast concrete panels for the Star Mountain Plaza project in PNG.

The concrete moulds were an impressive 7m wide x 2.4m high, each mould weighing 400kg, once manufactured they were air freighted to PNG to Stratumn Unlimited PNG, ready for them to create the pre cast concrete panels for the Star Mountain Plaza project.

**Erapol CCM75A** is a medium performance cold castable polyurethane elastomer free from MOCA and flammable solvents. It produces an economical elastomer with good toughness and high elongation and chemical resistance. **Erapol CCM75A** has a convenient mix ratio, low viscosity and can be cured at room or elevated temperatures so is easy to process.

Applications include, concrete and flexible moulds, stamp pads, cast in place linings, sound dampening applications and casters.

For more information on Era Polymers - Cold Castable Range please visit our website at <http://www.erapol.com.au/products/cast-elastomers/>

Or contact us on +61 02 9666 3788 to talk to one of our Technical Business Managers who will be able to help you with your requirements.

## Erapol CCM75A



## THE VERSATILE WORLD OF OUR ERAPOL EME165 QUASI POLYESTER MDI

**Erapol EME165** is being used extensively around the world for many applications

**EME165** is a 3 component system, catalysed using **Era Polymers** proprietary catalyst blend **Eracat MF** which is Mercury Free. Despite being Mercury Free, the catalyst provides excellent hardness build up and demould times.

When reacted **EME165** can give a range of hardnesses from 55 to 95 Shore A.

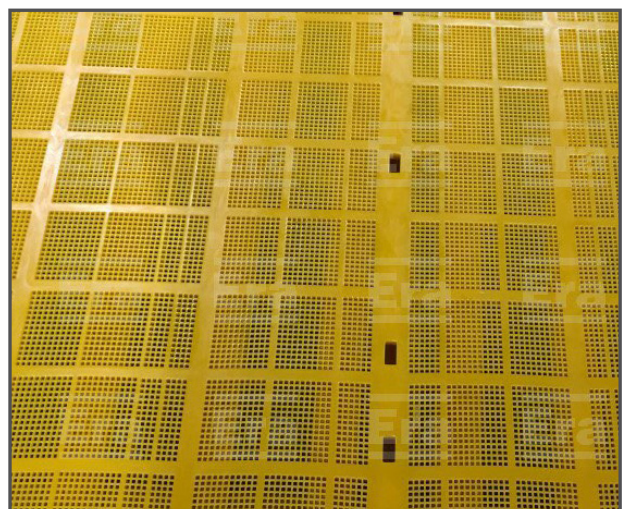
The material has excellent physical properties and particularly good abrasion resistance of less than 25mm<sup>3</sup> (10N) for the 85A hardness.

**Erapol EME165** is ideal for machine processing but can also be hand cast.

Applications for the **Erapol EME Elastomers** include but are not exclusive too: Mining screens, snow plates, rolls, seals, gaskets, linings and a variety of industrial and mining applications.

**Erapol EME165N** grade contains only FDA approved raw materials so can be used for a multitude of Dry Food applications subject to relevant approvals gained in that region.

## Erapol EME165



**For more information on Erapol EME Range:**

Telephone: +61 (0) 2 9666 3788

Email: [erapol@erapol.com.au](mailto:erapol@erapol.com.au)



## Excellence in Polyurethane Chemistry

### Erapol EMD750D

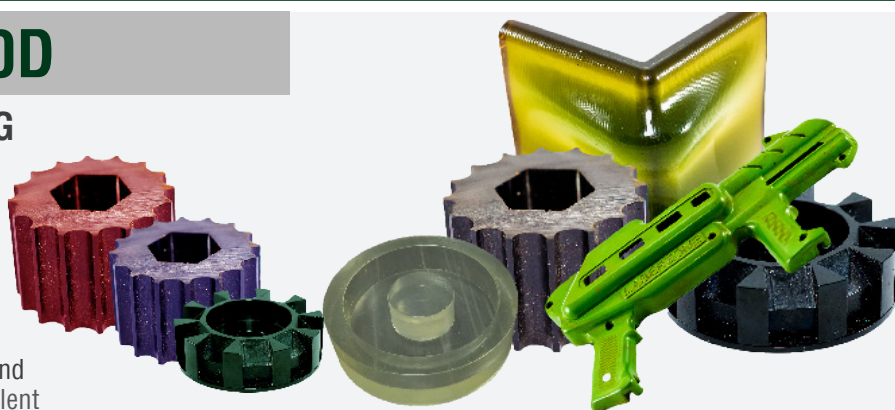
**EMD750D is a 78 Shore D MDI/PTMEG Polyurethane Elastomer**

It has a pot life of 11-14 minutes.

When cast & cured in 80°C moulds the demould time is typically 30 minutes meaning high productivity.

**EMD750D** is suitable for both machine dispensing and hand casting. The resultant elastomer is not brittle & has excellent physical properties.

**Erapol EMD750D** is ideal product for applications requiring, thermal resistance, hydrolysis resistance and good mechanical properties.



**For High Hardness, Excellent Rigidity, Extreme Toughness & Generous Working Time**  
use Era Polymers EMD750D - New High Performance Elastomer

## NEWS

### Extra Low Free Monomer (<0.1%) TDI Prepolymers Available

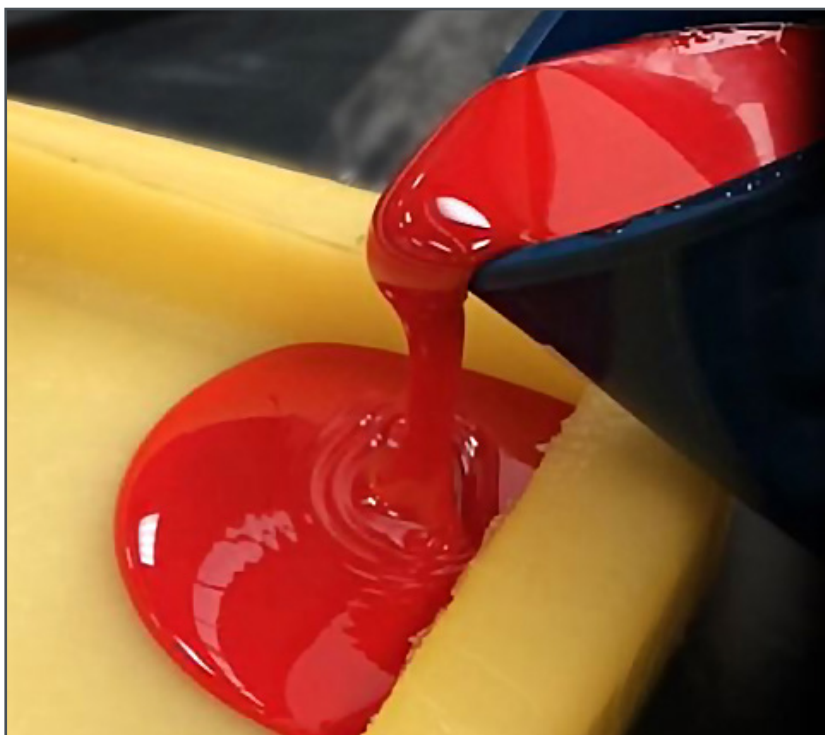
The following grades are now available, with more being added in the near future:

#### POLYETHER (PTMEG) BASED

PRODUCT	FREE TDI CONTENT (%)	POT LIFE (mins)
XLE90A	< 0.1	14
XLE93A	< 0.1	12
XLE95A	< 0.1	8
XLE75D	< 0.1	3

#### POLYESTER BASED

PRODUCT	FREE TDI CONTENT (%)	POT LIFE (mins)
XLS85A	< 0.1	14
XLS90A	< 0.1	13
XLS95A	< 0.1	8





# ERA FAMILY EVENTS

## MILESTONE Blood makes you related...Loyalty makes you family 20 YEARS

20

**CONGRATULATIONS  
EMMANUELE**  
(Samos Polymers)



Ladies and Gentlemen,

How does that famous phrase go again; “ You are only as good as the people that you employ .... And we employ, a lot of VERY good people “ So, here’s another one of our stars.

He supervises his team well, he supervises his production area well. He has a photographic memory for ALL that we do, in his section.

**Emmanuele Castro**, started with us 20 years ago... yes, 20 years ago ! He’s one of our quiet achievers, on the factory floor at Samos Dio.

Nice work, Emmanuele... twenty down, and thirty to go.

G. Papamanuel

## MILESTONE

15 YEARS

15

**CONGRATULATIONS  
JOSE!**  
(Era Polymers)



**Jose Diaz** has spent the last 15 years of his life with us ... pulling apart , stretching, abrading, bouncing, X-ray, FTIR , GLC, etc. etc. all manner of our polyurethanes, and occasionally our competitors polyurethanes.

He has Managed the Physical Testing side of our laboratories for all this time...

Keep going Jose, keep going. AND thank you for being a part of our journey.

## MILESTONE

10 YEARS

10

**CONGRATULATIONS  
TO ALL!**



**MARCEL TONDO**  
(APPLIED POLYMERS)



**JOHN DIAZ**  
(ERA POLYMERS)

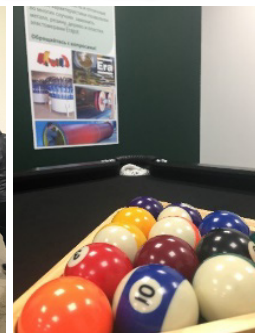


**ROB MCLEAN**  
(ERA POLYMERS)



**MIKE LOGAN**  
(SAMOS POLYMERS)

# STAFF RECREATION & ENRICHMENT FACILITIES



# Era Polymers Italy (Cont'd from Page 1)

Stefano is passionate, deeply passionate about all things polyurethane. He's articulate, he's driven, he thinks outside the square, he can negotiate... and above all, he is a PEOPLE, person.

Apart from his native Italian, he is also fluent in English, Spanish and French.

Stefano is married to a beautiful architect, Antonella, and they have a 12 year old son Francesco whose passion is downhill bike riding with

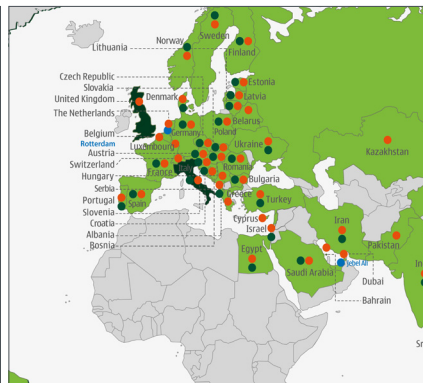
an Italian Championship team.

On the very rare occasions that he has some spare time, he unwinds from a hard week's work by playing guitar and goes mountain biking with his family.

Stefano, will become, a tremendous asset to our Era Family.

Best Wishes

George



**STEFANO TAPPARI** - European Business Development Manager

## WELCOME TO THE ERA FAMILY



**JAKUB LISOWSKI**

TECHNICAL MANAGER PIR AND POLYOLS

Who once said ;  
**“A company is only as good as the people it employs, and we employ a lot of very, very good people” ?**

That being so, let me introduce you to our newest employee...Jakub.

Jakub has migrated from Europe with his family. His wife, Anna Lisowska, his three sons, Stasiu ( 8 years old ), Jasiu ( 7 years old ), and the baby of the family Antos ( 3 years old ).

Jakub is Polish, and lived in England for a number of years working for STEPAN as their Technical Development Specialist CASE .

I first met Jakub years and years ago, when he worked for a company called Alfa Systems, in Poland, which was eventually bought out, by Stepan. Jakub has spent the last 12 years of his life in technical roles, in the PU industry.

He is quiet and thoughtful and a passionate family man .

His other passion, and forte, is PIR and polyols... so we have a perfect role for him;

**“ Technical Manager PIR and Polyols “**

A big move, for a man to move his family from Poland to Australia... He and his family left Poland, when it was bitterly cold ... and just to introduce him to our Australian summer, Tina and I took Jakub and his family, to Darling Harbour on Sunday.

That was THE Sunday, when Penrith was the hottest place on the planet ..... Darling Harbour was totally deserted ,people were at the beach or standing next to their air cons... The restaurant's aircon wasn't working and it was 44 °C INSIDE and outside the restaurant ... and all I could think of, as we melted , was the saying ;

**“ Only Mad Dogs and Englishmen go out in the Mid Day sun “**

To THAT saying you can add Greeks and Poles.

Welcome Jakub!



## A KANGAROO WEARING A COAT?

### PROTECTION WITH ERACOAT 2K RAPID

South Australia's Millicent artist, Ant Martin, brings dead wood back to life! His most notable piece of art is the transformation of a dead tree trunk into an intricate and beautiful sculpture depicting a Kangaroo attempting to climb a gumtree with the help of two koalas. The idea was to create something uniquely Australian that very culture could relate to.

The sculpture is a permanent fixture and attraction at The Helicopter Park, Glover Playground in North Adelaide. This noteworthy creation is a point of interest where the artist has taken a dead tree trunk that would otherwise be removed and used for bark chips.

The sculpture was recently protected with **Eracoat 2K Rapid** to increase its longevity, and, most importantly, for the enjoyment for all visitors to the park.

**Eracoat 2K Rapid** is a solvent free, 100% solids, aliphatic (UV resistant) coating designed as an abrasion resistant topcoat for polyurea and polyurethane systems or as a stand-alone product over properly prepared substrates.

**Eracoat 2K Rapid** is available in 6 colours and has the following features:

Mix ratio 1:1 (Volume)

- Solvent free – Zero VOC, no flammability issues, minimal environmental impact
- Aliphatic – excellent colour and gloss retention
- Fast Cure – High productivity
- Excellent ageing in outdoor exposures

Like to know more about **Eracoat 2K Rapid** or any of our other products?

Please call us on

Tel: +61 (0) 2 9666 3788; or

Visit our website [www.erapol.com.au](http://www.erapol.com.au)



BEFORE



AFTER

## THE AWNING OF A NEW ERA ENA



### EVERYBODY'S IN AWE OF OUR NEW AWNING AT SAMOS ENA

We have just finished, and commissioned the "Mother of All Awnings" at Samos Ena. It sits nicely between our dirty big warehouse (shown in glorious GREEN) and the factory.

It provides us with a lot more outside storage, and allows us in the future, to add more bulk storage tanks, and gives our warehouse people more comfort when loading and unloading trucks.

And sometime in the future it will allow us to install a bucket load of solar panels.

Congratulations to the Era Team for another successful project ... And more importantly to Shannon, who took another dream and turned it into reality.

*G. Papamanuel*

# “Growth is never by mere chance; it is the result of positive forces working together”

Say hello to Era Polymers Africa! So, we finally have a new permanent home in South Africa. Over the coming years we will invest in this new property, to build a world class facility. Here’s what to expect:

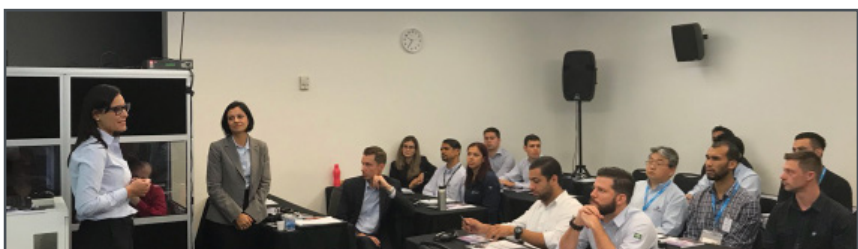
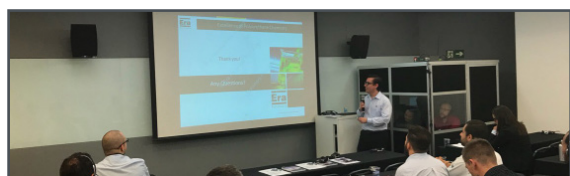
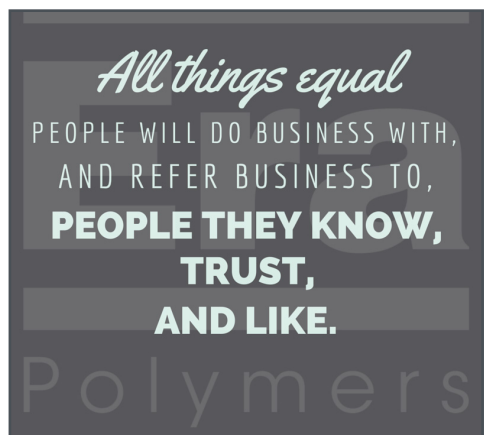
- Based in Johannesburg, Gauteng – production & product development platform to supply Africa
- Production of hot cast and cold cast polyurethane elastomers
- Recently upgraded production capability, further expansion plans in place, including Product Development Laboratory
- Experienced, dedicated personnel in place.



## TRAINING SEMINAR NEWS - SOUTH AMERICA

### SEMINAR AT UNIVAR, Brazil

In October John Diaz, Era Polymers South American Technical Support Manager and Tony Hatzikiriakos Era Polymers International Sales Manager, visited Univar, Era Polymers Agent in Brazil for a training seminar.



# TRAINING@ERAPOL

## ERA POLYMERS PRODUCT DEVELOPMENT & TESTING LABORATORIES

**Era Polymers R&D Centre  
houses an extensive collection  
of physical and analytical testing  
equipment**

Era Polymers has grown to be the largest independent systems house in Australia. Era Polymers is certified to AS/NZS ISO9001 quality standard system. The physical and analytical testing laboratories are also NATA accredited.

- Elastomer
- Technical Service
- Foam
- Coatings & Membranes
- Polyester Polyol
- Physical Testing
- Analytical Testing
- Cryogenic Testing
- UV & Environmental Testing
- Demonstration & Training
- Spraying & Machine Casting Facilities
- Specialised Fire Testing (FRAS)
- Pilot Vessels



## THE EUROPEAN ERA WAREHOUSE IS STOCKED AND READY FOR BUSINESS



# ERA POLYMERS - WE TOLL YOU SAMOS CAN DO IT!

## TOLL MANUFACTURING

Era Polymers' state of the art manufacturing facilities are available to manufacture formulations on a contract basis, as is Era Polymers' technical and production expertise.

No piece of business is too large or too small.

Reactors and blending vessels are available, ranging from 100L to 16,000L capacity and the ability to package off material in containers ranging from 1 litre cans through to road tankers.

For more information about this please visit:  
[www.samospolymers.com.au](http://www.samospolymers.com.au)



## THE PMA 2018 - FLORIDA, U.S.A

Era Polymers proudly brought to you in the USA by



The 47<sup>th</sup> PMA Annual Meeting was held in Naples, Florida USA, May 2018 and what a fantastic turn out and success.

The PMA association is dedicated to the advancement of the cast polyurethane industry. PMA serves as the collective voice for the common interests of diverse members and markets.

This year it was attended by Era Polymers' George Papamanuel, Alex Papamanuel and Andy Clock.

Next year the event will be held in Las Vegas USA (May 4-7, 2019)



## ARGENPLAS 2018

Era Polymers' John Diaz attended the 17<sup>th</sup> edition of Argenplas the largest gathering of businesses in the plastics industry for Latin America. Argenplas takes place every two years at Centro Costa Salguero, Buenos Aires, Argentina.

John attended with our South American distributor Chaitas who were exhibiting at the show.



## WELCOME: RODRIGO REZENDE - BUSINESS MANAGER, LATIN AMERICA



Era Polymers is very pleased to announce the appointment of **Rodrigo Rezende**, as our Latin American Business Manager.

Rodrigo graduated with a degree in Chemical Engineering and an MBA in Foreign Trade and has almost 20 years' experience in the Polyurethane industry. Based in Sao Paulo, Brazil with his wife Juliana and 6 year old daughter Beatrice, means Rodrigo is in a perfect location to support Era Polymers South

American customers. Rodrigo has worked in several commercial roles for global polyurethane companies supporting polyurethane customers in key sectors such as the mining, construction and the automotive industry.

His extensive knowledge matched with his experience makes Rodrigo a valuable asset to the Era family.

# ERA CHARITIES & EVENTS

## FUND RAISING & MOVIE NIGHT

**AUSTRALIA'S  
BIGGEST  
MORNING  
TEA**  
GET TOGETHER TO  
HELP BEAT CANCER

What a great idea Tina! This years' Biggest Morning Tea involved Breakfast Rolls for sale to all staff - raising money for the worthwhile Cancer Council's Australia's Biggest Morning Tea. Thanks to Tom Butt's skill on the BBQ, EVERYONE went in for seconds! Later

that evening Era hosted a Movie night with the screening of The Greatest Showman - all proceeds from this event also went to the charity.

**Era Polymers, Samos Polymers and Applied Polymers** raised a total of \$1,606.65!

Great work and Thank you!



## ERA POLYMERS (SYD) - BOWLING NIGHT



An Erapol Bowling Night like no other!

May the 27<sup>th</sup> saw The Era Polymers Banksmeadow Bowling Team (yeah, right) make their way to Manhattan Bowl for a night of games, food and...the Zorba Dance across three lanes (Tony Hatzikiriakos' idea). The Ultimate winner? **Oscar Murphy** took the trophy this year (Usual champs Jimmy and Dave opted out of the comp but in Dave's case made no difference...he came <gasp> third). Thanks to Jimmy Koustouros for organising!

	1st Overall	2nd Overall	3rd Overall	1st This Week	2nd This Week
INDIVIDUAL					
Series	337 Jim Lane 14	284 Oscar Lane 18	273 Dave Lane 17	337 Jim Lane 14	284 Oscar Lane 18

# THE HELLENIC INITIATIVE - ERA POLYMERS HAS IT

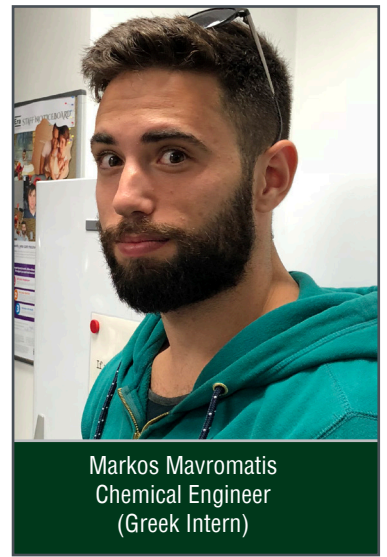
Era Polymers is excited to participate in the pioneering program **The Hellenic Initiative** as an intern host company. Briefly, Andrew Liveris, a Greek-Australian, is the CEO of Dow Chemical company. He began The Hellenic Initiative, for the Greek diaspora in countries like Australia, USA, Canada and the UK, to try and help out the Greeks who have been suffering in their financial crisis for so many years.

One of his initiatives was to offer internships to young educated Greeks, who couldn't find work.

The idea being, that rather than the country suffering a "brain drain" as educated Greeks left the country in search of work, an internship in another country would give them valuable experience working in another country, which will allow them to return to Greece, and hopefully find some permanent employment.

Era has proudly begun to participate in this program, and we are having a Chemical Engineer named **Markos Mavromatis**, join us for a 26 week internship, from May 21<sup>st</sup> – 16<sup>th</sup> November 2018.

*Alex Papamanuel*



Markos Mavromatis  
Chemical Engineer  
(Greek Intern)

## WHEN YOU DON'T KNOW YOUR OWN STRENGTH - ASK ERA POLYMERS

### ERA'S NEW MATERIALS TESTING MACHINE

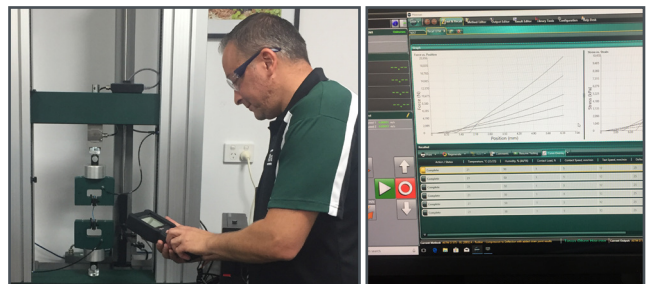
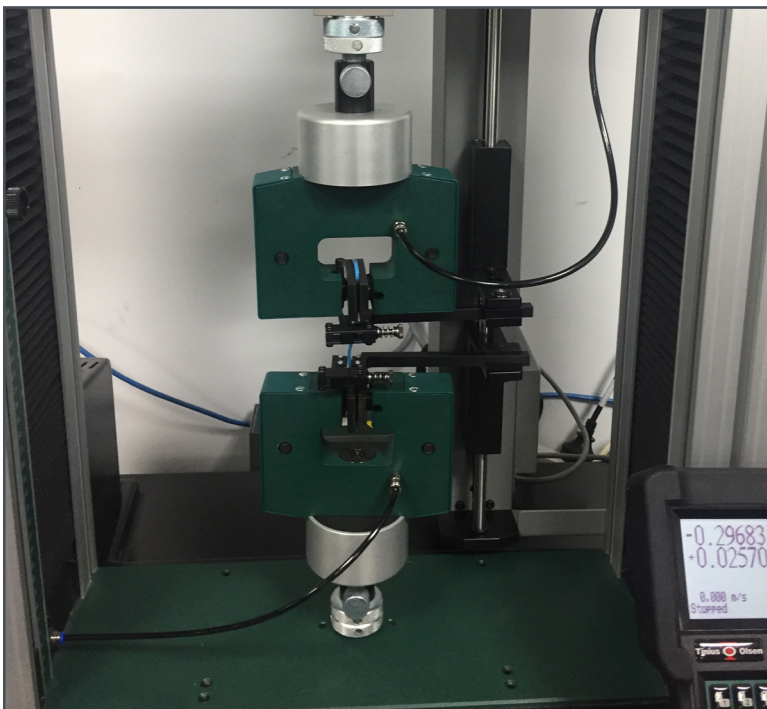


Era Polymers now boasts a brand new electromechanical testing machine designed to test a wide range of materials.

#### ACCURACY

We have ensured we have the most robust, reliable and accurate load measuring systems available in the machine. This system now allows us to achieve an accuracy of better than 0.1% of the reading from 0.01% to 100% of the loadcell capacity.

Capacity	25 kN
Test Speed Range	0.001 to 1000 mm/min
Clearance Between Columns	410 mm
Throat Depth	n/a
Max Crosshead Travel	1090 mm
Dimensions (H x W x D)	1265 x 729 x 506 mm
Weight	130 Kg



For more information please contact our physical and analytical laboratory staff on:

**Tel:** +612 9666 3788 or **Email** us: [erapol@erapol.com.au](mailto:erapol@erapol.com.au)

# UTECH EUROPE 2018 - MAASTRICHT



**Era Polymers showing TRUE excellence in Polyurethane Chemistry.** UTECH Europe is the main show in Europe and one of the biggest global shows for the polyurethane industry and Era showcased a whole range of polyurethane solutions / sample products at stand #624.

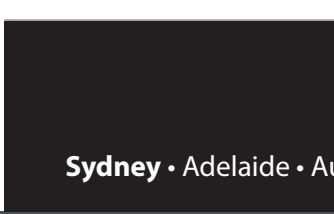
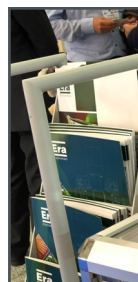
**UTECH Europe** will return to the MECC Maastricht, The Netherlands in the spring of 2021. At the close of each exhibition day, Era Polymers staff got to enjoy the beautiful town's sights, sounds...and FOOD.

The Era Polymers' Dinner held on the 30<sup>th</sup> of May brought together much-loved and valued friends, new friends, colleagues and staff.

Overall a most successful event - see you in 2021!



Held in Maastricht, The Netherlands, this 2018 exhibition and conference attracted more visitors than ever before.



Sydney • Adelaide • Auckland • Brisbane • Malaysia • Melbourne • Singapore • South Africa • United Kingdom • USA

# MACHINE DEPARTMENT



## G-35H ALL IN ONE



### Evolution G-35H High Pressure Hydraulic Proportioning Unit

The new evolution G-35H hydraulically driven proportioning unit has been designed and manufactured to fulfil the most demanding requirements of industrial foam in place applications of two component systems requiring high dosing precision to assure the best mixing quality of the chemical components. Its particular configuration facilitates easy access to all its components, simplifies the control functions and significantly reduces maintenance time.

#### Technical Specifications

Max Output @ (160 Bar 2333 psi)	12 kg/min
Max Output @ (240 Bar 3500 psi):	8 kg/min
Heating Power	12 Kw
Hose Heating Power	3 Kw
Motor Power	4 Kw
Total Power	19 Kw
Electrical Consumption	38 A @ 3 x 400V / 66 A @ 3 x 230V
Weight	272 Kg (without oil)
Dimensions	1200 mm x 900 mm x 700 mm

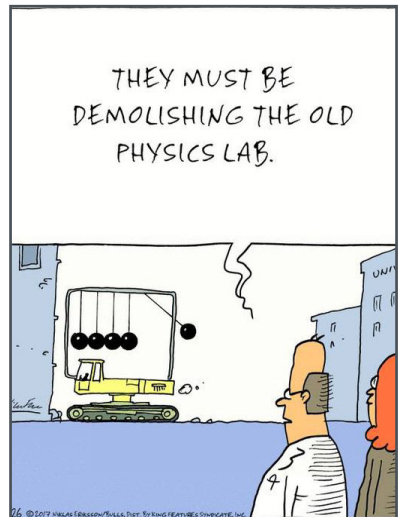
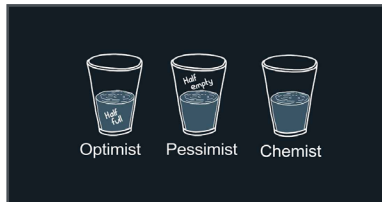
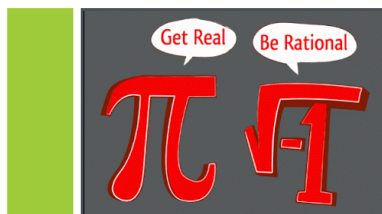
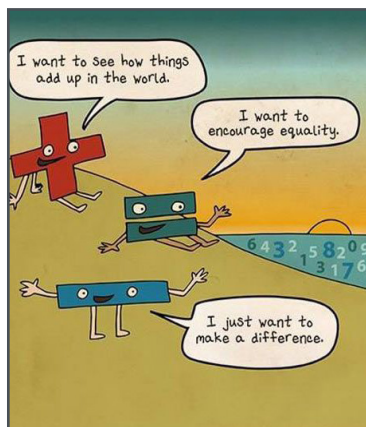
For more information, call **Thomas Butt**  
Era Polymers - Machine Department:  
Tel: 02 9666 3788



## THE LIGHTER SIDE

**I'M A CHEMIST**  
TO SAVE TIME LET'S JUST ASSUME THAT I'M NEVER WRONG

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**THE Herald**  
ERA POLYMERS NEWS BULLETIN  
Editors: Marketing Department  
Victoria Zavras | Nicola French

**Era**  
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