

Erapol 2K Blocked Series

Excellence in Polyurethane Chemistry

Used in the production of Sanding/Polishing Disks


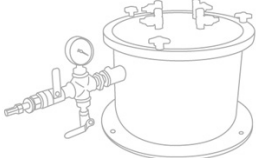


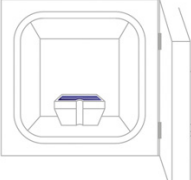
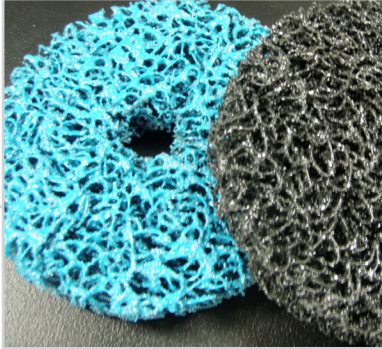
The **Erapol 2K Blocked Series** are two component TDI/PTMEG blocked polyurethane resin systems used mainly for the manufacture of abrasive sanding/polishing disks.

Available in two grades **2KE90A** and **2KE55D**, both need to be cured with a curative to produce the relevant hardness. They are simple to process, in 5 easy steps, see below for processing steps.

The sanding/polishing disks are manufactured from polypropylene fibers, coated in an abrasive medium and bonded together with **Erapol 2K Blocked Series; 2KE90A** or **2KE55D**. They are manufactured in sheets, and are processed through a tunnel oven to cure the polyurethane and ensure the fibres are bonded together.

Once the sheets are cured the appropriate sized sanding/polishing disks are stamped out, ready to be used.

Processing Steps for Erapol 2K Blocked Series

 <p>HEAT Material to 80 – 90°C</p>	 <p>DEGASS 1 – 5 mmHg of vacuum until excessive foaming stops</p>	 <p>ADD CURATIVE Mix thoroughly being careful not to introduce air into the mixture</p>
 <p>POUR Product into pre-heated & pre-coated (with release agent) mould</p>	 <p>CURE Product at 130°C for 16 hours</p>	

Erapol 2K Series Product Range Available:

Hardness	2KE90A	2KE55D

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