

Erapol 1K Blocked Series

Excellence in Polyurethane Chemistry

The **Erapol 1K Blocked Series** are a range of single component blocked TDI polyester polyurethanes available in a range of hardnesses.

To process **Erapol 1K Blocked Series** simply :
1. HEAT → **2. POUR** → **3. CURE**

PRODUCT RANGE

1K20A	1K30A	1K40A	1K50A	1K60A	1K70A	1K80A	1K90A
-------	-------	-------	-------	-------	-------	-------	-------

Advantages of **Erapol 1K Blocked Series** over conventional elastomers:

- Easy & Efficient processing
- Stable at room temperature
- Single component
- Economical – Minimal wastage due to no mixing or weighing
- No need to add curative
- Cures with heat
- No dispensing equipment required
- Self Degassing – Air bubbles self release in curing process so there is no need for vacuum degassing

The **Erapol 1K Blocked Series** is ideally suited for the following applications:

- ANTI VIBRATION MOUNTINGS
- GASKETS
- PRINTING ROLLERS
- ROLLERS
- SEALS

NOTE:

*Air entrapment is a common problem when manufacturing rollers. This can be solved by using the **Erapol 1K Blocked Series** as they undergo a low viscosity phase early in the cure cycle. During this stage any air bubbles self release, resulting in bubble free castings.*

The **Erapol 1K Blocked Series** are low free TDI and do not contain Methylene dianiline (MDA).

PROCESSING



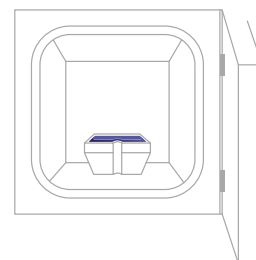
HEAT

Material to 70°C to melt



POUR

Product into pre-heated metal mould



CURE

Product at 130°C for 16 hours

www.erapol.com.au

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

Era Polymers Pty Ltd, 2 - 4 Green Street, Banksmeadow NSW, 2019, AUSTRALIA, Tel: +61 (0) 2 9666 3788