POLYMER GROUP LTD SOLUTIONS FOR EXTREME ENVIRONMENTS

product data sheet

ENDURATHANE MATTRESS FOAM

Endurathane MATTRESS FOAM is a water-blown, hand pour grade flexible foam. CFC and HCFC free.

Endurathane MATTRESS FOAM Polyol is used in combination with **Endurathane MATTRESS FOAM Part A** as a two component system to produce an Integral Skin type, very flexible moulding foam.

The system can be used for moulding chair arm-rests, other furniture components, automotive parts and for making props.

Endurathane MATTRESS FOAM may be pigmented with DOP dispersed pigments.

PROCESSING CONDITIONS
(Part B must be agitated prior to each use)
Mix Ratio by Weight

100 parts by weight

to

40 parts by weight

Endurathane MATTRESS FOAM

Endurathane MATTRESS FOAM

Part B

Part A

REACTIVITY PROFILE

Laboratory cup foam test conducted at 20°C using a mechanical stirrer.

Mix Time

10 seconds

Cream Time

 26 ± 2 seconds

Gel Time

6 - 8 minutes

Tack Free Time

10 - 14 minutes

Free Rise Density

 $70 \pm 5 \text{ kg/m}^3$ (Cup foam method)

TYPICAL LIQUID PROPERTIES

Appearance

White liquid

Viscosity

Not determined

Specific Gravity

1.11 g/ml @ 20°C

HEALTH AND SAFETY

Before using this polyurethane system please refer to the Material Safety Data Sheets for both Components for information on the hazards associated with their use and correct handling procedures.

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