



## \*\*\*\*\* TECHNICAL DATA SHEET

### EMPEYOL HSR 200/7F

#### PRODUCT DESCRIPTION :

**EMPEYOL HSR 200/7F** is an eco-friendly CFC free formulated polyether polyol to be used in combination with **POLYMERIC MDI** for the production of polyurethane rigid foams for panels and water heater applications. This polyol has been preblended with HCFC - 141b.

#### PROPERTIES OF POLYOL :

Colour and Appearance		Yellow to brown liquid
Viscosity at 25°C	(cps)	300 - 400
Density at 25°C	(grams/cc)	1.140 ± 0.03

#### RECOMMENDED PROCESSING CONDITIONS :

Mixing ratio [Polyol : POLYMERIC MDI]	(pbw)	100 : 115
Temperature (°C)		
Polyol		25 ± 03
POLYMERIC MDI		25 ± 03
Mould		40 - 50

#### REACTION PROFILE USING BENCH MIXER AT 25° C

Mix ratio [Polyol : POLYMERIC MDI]	(pbw)	100 : 115
Cream time	(seconds)	18 - 22
Gel time	(seconds)	130 ± 15
Track free time	(seconds)	160 ± 15
Free rise density	(kg/cu.m)	23.5 - 24.5
Demould time	(minutes)	10 (minimum) for 50 mm thickness

#### PROPERTIES OF THE FOAM :

Moulded density	(kg/cu.m)	36.0 - 38.0
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**PACKING SIZE** 210 kg Nett / 25 kg Nett

#### HANDLING & STORAGE :

EMPEYOL HSR 200/7F and POLYMERIC MDI should be stored in tightly closed containers at temperature between 20° C and 30° C and should not be exposed to direct sunlight.

**SHELF LIFE : 6 months**

#### HEALTH & SAFETY ADVICE :

EMPEYOL HSR 200/7F and POLYMERIC MDI should present no hazard in manufacturing operations where satisfactory standards of personal and industrial hygiene are maintained. Precautions should be taken to avoid exposure to the eye or prolonged contact with skin.

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