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PRODUCT DATA SHEET

EMPEYOL HSR 200/7XF (LD)

DESCRIPTION EMPEYOL HSR 200/7XF (LD) is an eco-friendly CFC free formulated polyether polyol to be used in combination with **Empeyonate IRD 200** or equivalent isocyanate for the production of large size discontinuous polyurethane rigid panel foams for insulation applications. This polyol has been preblended with HCFC – 141b. “X” implies the presence of fire retardant in the formulated polyol.

SALES SPECIFICATION

Characteristics	Unit	Specification
Colour and appearance		Yellow to brown liquid
Viscosity at 25° C	(cps)	250 – 350
Density at 25° C	(grams/cc)	1.140 – 1.160
RECOMMENDED PROCESSING CONDITIONS :		
Mixing ratio [Polyol: POLYMERIC MDI]	(pbw)	100 : 120
Temperature	(°C)	
Polyol		21 ± 03
Polymeric MDI		21 ± 03
Mould		40 – 50
REACTION PROFILE USING BENCH MIXER AT 25° C		
Mix ratio [Polyol : POLYMERIC MDI]	pbw	100 : 120
Cream time	(seconds)	35 – 40
Free rise density	(kg/cu.m)	25.0 – 27.0

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PROPERTIES OF THE FOAM:

Core density	(kg/cu.m)	32.0 (minimum)
Compressive strength	(kg/sq.cm)	1.0 (minimum)
Dimensional stability @ – 28°C for 24 hour(% linear change)		– 1.0 (maximum)
Flammability test for Foam : Horizontal burning characteristics as per IS : 11239 – part 12-1988 (mm)		60 (maximum)

PACKING SIZE 210 kg Nett

HANDLING & STORAGE EMPEYOL HSR 200/7XF (LD) and Empeyonate IRD 200 (or) EQUIVALENT ISOCYANATE 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.

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HEALTH & SAFETY ADVICE EMPEYOL HSR 200/7XF(LD) and Empeyonate IRD 200 or equivalent isocyanate 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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