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PRODUCT DATA SHEET

EMPEYOL HSR 200/6XF

DESCRIPTION :

EMPEYOL HSR 200/6XF is an eco-friendly CFC free formulated polyether polyol to be used in combination with **POLYMERIC MDI** or equivalent isocyanate for the production of polyurethane rigid foams for pipe sections. This polyol has been preblended with HCFC – 141b. “X” implies the presence of fire retardant in the formulated polyol.

SALES SPECIFICATION

Characteristics	Unit	Specification
Color and appearance		Yellow to brown liquid
Viscosity at 25⁰C	(cps)	200 – 300
Density at 25⁰C	(grams/cc)	1.140 ± 0.03
RECOMMENDED PROCESSING CONDITIONS		
Mixing ratio(Polyol: Isocyanate-Wannate 8018)		100 : 115
Temperature		20 – 25
Polyol		20 – 25
Isocyanate	(⁰ C)	
REACTION PROFILE USING BENCH MIXER AT 21° C(*)		
Mix ratio [Polyol : Iso]		
Cream time	(pbw)	100 : 115
Gel time	(seconds)	20 ± 02
	(seconds)	80 – 100

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Free rise density	(kg/cu.m)	22.0 – 24.0
Demould time	(minutes)	7 (minimum)
PROPERTIES OF THE FOAM:		
Overall density		
Flammability test for Foam	(kg/cu.m)	40.0 – 45.0
:Horizontal burning characteristics as per IS :11239 – part 12-1988		
K value	(mm)	60 (maximum)
	(W/m.K)	0.020 (maximum)

(***) Depending on customer's requirement, reactivity can be altered and supplied.**

PACKING SIZE : 210 kg Nett/25kg Nett

HANDLING & STORAGE :

EMPEYOL HSR 200/6XF and POLYMERIC MDI (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.

HEALTH & SAFETY ADVICE :

EMPEYOL HSR 200/6XF and POLYMERIC MDI 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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