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FORMULATED POLYOL

EMPEYOL HSR 200/6XF

PRODUCT DESCRIPTION:

EMPEYOL HSR 200 / 6XF 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 pipe sections. This polyol has been preblended with HCFC 141b. "X" implies the presence of fire retardant in the formulated polyol.

PROPERTIES OF THE POLYOL :

Colour and appearance	Yellow to brown liquid
Viscosity at 25° C (cps)	200 - 300
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 - 30
POLYMERIC MDI	25 - 30
Mould	40 - 50

REACTION PROFILE USING BENCH MIXER AT 25° C (*)

Mixing ratio [Polyol : POLYMERIC MDI].....(pbw)	100 : 115
Cream time (seconds)	13 ± 05
Free rise density (kg/cu.m)	22.0 - 24.0
Demould time (minutes)	7 (minimum)

(* Depending on customer's requirement, bench properties and free rise density can be varied and supplied)

PROPERTIES OF THE FOAM:

Mould density (kg/cu.m)	36.0 - 40.0
Flammability test as per ASTM D 3014	To pass the test
K value (W/m.k)	0.020 (maximum)

PACKING SIZE 210 kg Nett / 25 kg Nett

HANDLING & STORAGE :

EMPEYOL HSR 200 / 6XF and POLYMERIC MDI should be stored in tightly closed containers at temperature between 20 deg C and 30 deg C and should not be exposed to direct sunlight.

SHELF LIFE 6 MONTHS

HEALTH & SAFETY ADVICE :

EMPEYOL HSR 200 / 6XF and Polymeric MDI should present no hazard in manufacturing operations where satisfactory 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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