



+++++ TECHNICAL DATA SHEET

FORMULATED POLYOL

EMPEYOL HST 200 / 11

PRODUCT DESCRIPTION:

EMPEYOL HST 200 / 11 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 thermoware applications. This polyo has been preblended with HCFC 141b.

PROPERTIES OF THE POLYOL :

Colour and appearance		Yellow to Brown liquid
Viscosity at 25° C	(cps)	250 - 350
Density at 25° C	(grams/cc)	1.140 ± 0.03.

RECOMMENDED PROCESSING CONDITIONS :

Mixing ratio [Polyol : POLYMERIC MDI] - (pbw)		100 : 110
Temperature (°C)		
Polyol		20 ± 03
POLYMERIC MDI		20 ± 03

REACTION PROFILE USING BENCH MIXER AT 20° C

Mixing ratio [Polyol : POLYMERIC MDI]	(pbw)	100 : 110
Cream time	(seconds)	08 - 10
Gel time	(seconds)	70 ± 05
Free Rise density	(kg/cu.m)	22.0 ± 0.5
Demould time	(minutes)	5 (minimum)

PROPERTIES OF THE FOAM:

Core density	(kg/cu.m)	30.0 (minimum)
K value	(W/m.K)	0.020 (maximum)

PACKING SIZE

210 kg Nett / 25 kg Nett

HANDLING & STORAGE :

EMPEYOL HST 200 /11 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 HST 200 / 11 and POLYMERIC MDI should present on 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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