

Product Name

EMPEYOL F3002/2F3002

Product Description

EMPEYOL F3002/2F3002 is a modified 3000 molecular weight, trihydroxy polyether polyol with a random mix of PO and EO. It is designed for greater ease of production of one-shot flexible urethane slabstock foams. The full range flexible foams from extra super soft to extra firm of varying densities can be made with this polyol. In addition, higher IFD values at equivalent densities are obtained with this polyol. It yields foams with enhanced load bearing properties depending on the specific formulation used. It has the advantage of lower tin catalyst requirements and wider tin processing latitude. Good foam physical properties are obtained over the entire tin range.

Specifications (as per IS: 13702-1993)

S. No.	Characteristics	Unit	Specification
1	Appearance	----	Clear viscous liquid
2	Density at 25 °C	g/cc	1.005 – 1.015
3	Viscosity at 25 °C	Cps	500± 50
4	Colour	APHA	100 maximum
5	Hydroxyl Number	mg KOH/g	54.0 – 57.0
6	Water	% w/w	0.10 maximum
7	Foam test	----	To pass the test

Packaging Size

215 kg

Storage and Handling

- EMPEYOL F3002/2F3002 polyol is to be stored in tightly closed containers preferably at temperatures between 20 –35°C.
- Should wear gloves and goggles during handling.
- Shelf life: 1 year

Health and Safety Advice

EMPEYOL F3002/2F3002 polyol should present no unusual health problems when used 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 the skin.

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