

+++++ **TECHNICAL DATA SHEET****EMPEYOL F4002**DESCRIPTION

EMPEYOL F4002 is a modified 4000 molecular weight, trihydroxy polyether polyol. It is designed especially for the manufacture 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.

**SALES SPECIFICATION**

| S.NO | CHARACTERISTICS   | UNIT    | SPECIFICATION        |
|------|-------------------|---------|----------------------|
| 1    | Appearance        | ----    | Clear viscous liquid |
| 2    | Density @ 25° C   | g/cc    | 1.015 – 1.025        |
| 3    | Viscosity @ 25° C | Cps     | 650 (Maximum)        |
| 4    | Colour            | APHA    | 100 (Maximum)        |
| 5    | Hrdroxyl Number   | mgKOH/g | 40.0 – 42.0          |
| 6    | Water             | % w/w   | 0.10 (Maximum)       |
| 7    | Foam test         | -----   | To pass the test     |

**PACKING SIZE:** 210 / 25 kg Nett.**STORAGE AND HANDLING**

EMPEYOL F4002 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 F4002 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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