

Product NameDate of issue: Apr. 2021
Revision No : 4

EMPEYOL F3502

Product Description

EMPEYOL F3502 is a modified 3500 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. It is particularly useful in producing low density cushioning foams, high density automotive unfilled foams and high density filled foams for furniture. It produces foams with exceptionally high breath abilities which remain so over a wide range of tin catalyst levels. It affords excellent tin catalyst latitudes.

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 | 600± 100 |
| 4 | Colour | APHA | 100 maximum |
| 5 | Hydroxyl Number | mg KOH/g | 46.0 – 48.0 |
| 6 | Water | % w/w | 0.10 maximum |
| 7 | Foam test | ---- | To pass the test |

Packaging Size

215 Kg

**Storage
and
Handling**

- EMPEYOL F3502 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 F3502 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.

The information in this data sheet is believed to be accurate but all recommendations are made without warranty since the conditions of use are beyond the company's control. MPL disclaims any liability in connection with use of the information and does not warrant against infringement by reason of the use of any of its products in combination with other materials or in any process.