

TECHNICAL DATA SHEET

Prepolymer BRISONATE 6689

General Properties and Applications :

Prepolymer BRISONATE 6689 is based on Diphenylmethane-4,4'-diisocyanate and to be used with formulated polyester polyols for the production of Open slippers, sandals and medium density unit-soles for sandals. Prepolymer is viscous liquid at room temperature.

Provisional Specifications:

| Property | Units | Specifications | Test Method |
|------------------|-------------------|----------------|-------------|
| Colour | | Yellowish | ASTM D4877 |
| NCO Value | % | 19.5±0.3 | ASTM D5155 |
| Viscosity @ 40°C | CPS | 1000±200 | ASTM D4878 |
| Density @ 20°C | Kg/m ³ | Approx. 1.2 | ASTM D4659 |

Sampling :

Material must be homogenized prior to taking samples, moisture ingress must be prevented.

Packaging:

240 kg close top drums

Storage & Shelf life :

Store in well ventilated cool and dry place, away from direct sun light, rain and water. **Prepolymer BRISONATE 6689** reacts with moisture therefore moisture ingress must be prevented. Prepolymer becomes solid below 10°C, Ideal storage temperature is 22-30°C. In case material is solid , it can be re-melted by keeping it in air circulated heating oven at 70-80°C for about 12-18 hours; melted material should then be stored at recommended temperature.

Shelf life of the product is around six months from date of manufacture if stored in tightly sealed drum at recommended temperature.