Capa™ 3031

Description
- Capa™ 3031 is a very low molecular weight trifunctional caprolactone polyol, in which all of the hydroxyl groups are primary.
- Clear, viscous liquid. Liquid at room temperature.

Applications
- Capa™ 3031 was developed for use in surface coatings.
- As the main polyol in very hard polyurethanes.
- As a chain extender in polyurethane elastomers.

Delivery forms
- 200 kg lacquered mild steel drums
- 200 kg tapered steel drums
- 1000 kg IBC's
- Bulk in molten form

Storage
- Undisturbed packaging as delivered until shortly before use. Storage area should be covered and protected from higher than ambient temperatures at all times.
- For bulk tank storage specific considerations need to be given to cleanliness, materials of construction and prevention of air ingress to the tank, technical advice on a storage tank is available on request.

Sales Specification
- Hydroxyl value, mg KOH/g: 530-590
- Acid value, mg KOH/g: Max. 1.0
- Water content, %: Max. 0.02
- Colour, Hazen: Max. 50

Typical properties
- Mean molecular weight: 300
- Melting point, °C: 0-10
- Viscosity at 60°C, mPas: 170

Solubility parameters
- The solubility parameter (δ) is 9.34 – 9.43 (cal/cm³)½

Densities
- The typical specific gravity (SG) of the material, measured at 55°C c.f. water at 20°C, is 1.073.

Analytical method
1 S11502MW101, 2 S11502M3A, 3 S11502MW102, 4 S11502M33C
Analytical methods available on request

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