Capa™ 2200

Description
- Capa™ 2200 is a standard grade low molecular weight, linear polyester diol derived from caprolactone monomer, terminated by primary hydroxyl groups.
- White waxy solid.

Applications
- Capa™ 2200 has been specially developed as an intermediate for the production of high quality polyurethane elastomers.
- Can be used in thermoplastic polyurethanes, polyurethane adhesive and surface coatings.

Delivery forms
- 200kg lacquered mild steel drums
- 200kg tapered steel drums
- 1000kg IBCs
- 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 1: 54-58
- Acid value, mg KOH/g 2: Max 0.25
- Water content, % 3: Max 0.02
- Colour, Hazen 4: Max 50

Typical properties
- Mean molecular weight: 2000
- Melting point, °C: 40-50
- Viscosity at 60°C, mPas: 480

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 S11502 MW101, 2 S11502M3A, 3 S11502MW102, 4 S11502M33C
Analytical methods available on request

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