Capa™ 2201

Description
- Capa™ 2201 is a standard grade linear polyester diol derived from caprolactone monomer, terminated by primary hydroxyl groups.
- White waxy solid.

Applications
- Capa™ 2201 has been specially developed as a low reactivity alternative to Capa™ 2200 for use in cast polyurethanes where extended processing times are required.
- The product provides much more easily controlled prepolymer manufacture.
- Capa™ 2201, except for its reactivity with isocyanate, is identical in all respects with Capa™ 2200.
- Can be used in automotive industry, footwear industry as well as binder and adhesives.

Delivery forms
- 200 kg lacquered mild steel drums
- 200 kg tapered steel drums
- 1000 kg 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: 54-58
- Acid value, mg KOH/g: Max 0.25
- Water content, %: Max 0.02
- Colour, Hazen: 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 S11502 M3A, 3 S11502 MW102, 4 S11502 M33C
Analytical methods available on request

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