Capa™ 2101A

Description
- Capa™ 2101A is a premium grade linear polyester diol derived from caprolactone monomer, terminated by primary hydroxyl groups.
- It has a molecular weight of 1000 and a typical OH value of 112 mg KOH/g.
- White paste.

Applications
- Capa™ 2101A has been specially developed as an intermediate for the production of high-grade polyurethane elastomers, but offers lower reactivity to isocyanates than either Capa™ 2100 or 2100A, the other 1000 mol.wt. products in the Capa™ range.
- Capa™ 2101A will form stable prepolymerms with MDI.
- Can also be used in polyurethane adhesive, surface coating and flexible foam applications, and as a resin intermediate.

Delivery forms
- Supplied in lacquered mild steel drums containing 200 kg net.

Storage
- The product should be stored in air-tight containers to prevent moisture pick-up from the atmosphere.

Typical properties
- Mean molecular weight, 1000
- Melting point, °C 30-40
- Hydroxyl value, mg KOH/g 112
- Acid value, mg KOH/g <0.05
- Water content, % <0.02
- Viscosity at 60°C, mPas 150

Densities
- The typical specific gravity (SG) of the material, measured at 55°C c.f. water at 20°C, is 1.072.

Solubility parameters
- The solubility parameter (δ) is 9.34 – 9.43 (cal/cm^3)^(1/2).

CAS no.: 69089-45-8
HS no.: 3907 99
Valid from: April 23, 2009