

GENERAL PRODUCT DESCRIPTION

Capa[®] 2200 is a standard grade, linear polyester diol derived from caprolactone, terminated by primary hydroxyl groups. It has a molecular weight of 2000 (typical OH number of 56) and is a waxy solid with a melting point of 40 - 50°C.

The product has been specially developed as an intermediate for the production of high quality polyurethane elastomers. In addition, Capa[®] 2200 can be used in polyurethane adhesive, surface coating and flexible foam applications.

TYPICAL PROPERTIES

Physical Form	White waxy solid
Mean Molecular Weight	2000
Melting Point	40°C - 50°C
Hydroxyl Value	56 mg KOH/g
Acid Value	<0.25 mg KOH/g
Water Content	<0.02%
Viscosity at 60 °C	480 mPa.s

DENSITIES

The typical specific gravity (SG) of the material, measured at 55°C c.f. water at 20°C, is 1.071.

SOLUBILITY PARAMETERS

The solubility parameter (δ) is 9.34 – 9.43 (cal/cm³)^{1/2}.

HANDLING AND STORAGE

Capa[®] 2200 is supplied in lacquered mild steel drums containing 200 kg net. The product should continue to be stored in air-tight containers to prevent moisture pick-up from the atmosphere.

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