

GENERAL PRODUCT DESCRIPTION

Capa[®] 2100A 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.

The product has been specially developed as an intermediate for the production of high-grade polyurethane elastomers, where outstanding resistance to hydrolysis is required.

TYPICAL PROPERTIES

Physical Form	White paste
Mean Molecular Weight	1000
Melting Point	30°C - 40°C
Hydroxyl Value	112 mg KOH/g
Acid Value	<0.05 mg KOH/g
Water Content	<0.02%
Viscosity at 60°C	150 mPa.s

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/cm³)^{1/2}.

HANDLING AND STORAGE

Capa[®] 2100A 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.

For further information please contact:

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