

GENERAL PRODUCT DESCRIPTION

Capa[®] 2125A is a premium grade linear polyester diol derived from caprolactone, terminated by primary hydroxyl groups. It has a molecular weight of 1250 and a typical OH value of 90 mg KOH/g.

The product has been specially developed as an intermediate for the production of high quality polyurethane elastomers, where outstanding resistance to hydrolysis is required. It is also recommended for the production of high quality polyurethane coatings and fibres.

TYPICAL PROPERTIES

Physical Form	White waxy solid
Mean Molecular Weight	1250
Melting Point	35°C - 45°C
Hydroxyl Value	90 mg KOH/g
Acid Value	<0.05 mg KOH/g
Water Content	<0.02%
Viscosity at 60°C	175 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[®] 2125A 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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