

GENERAL PRODUCT DESCRIPTION

Capa[®] 3022 is a low viscosity standard grade polyol with a mixed functionality of 2.4. Derived from caprolactone monomer, it has a molecular weight of 240 and a typical OH value of 540 mg KOH/g.

Specifically designed for the production of integral skin rigid polyurethane foams. Foams derived from this polyol have excellent physical properties combined with toughness and hydrolytic stability. Capa[®] 3022 is especially recommended for applications requiring high impact strength. Capa[®] 3022 can also be used as a low viscosity dispersion medium for the production of liquid colours.

TYPICAL PROPERTIES

Physical Form	Pale straw coloured liquid
Mean Molecular Weight	240
Functionality	2.4
Hydroxyl Value	540 mg KOH/g
Acid Value	<0.5 mg KOH/g
Water Content	<0.05%
Viscosity at 60 °C	40 mPa.s

SOLUBILITY PARAMETERS

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

HANDLING AND STORAGE

Capa[®] 3022 is supplied in 200 kg net lacquered mild steel drums. It should be stored in air-tight containers to prevent moisture pick-up from the atmosphere. Storage above 0 °C is desirable, although it will not crystallise if stored under normal winter conditions.

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