

Technical Datasheet Incozol LV

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Description

Incozol LV is a reactive diluent designed to help producers of polyurethane coatings and sealants attain low VOC systems. It is used in the formulation of two component coatings where Incozol LV replaces a portion of the polyol component, for example, automotive refinish and OEM coatings.

Other uses include high solids PU coatings for boats, industrial maintenance, aircraft, automotive sealants, antigraffiti lacquers and waterproof coatings.

Typical Properties

Functionality	4
Equivalent Weight (g/eq isocyanate)	86
Viscosity (cP @ 20°C)	55
Density (g/cm ³)	1.07
Colour (APHA)	Max 250
Flash Point (°C)	76

Features

- Developed to replace a portion of the polyol component enabling the formulation of high solids, low VOC coatings
- Enables the production of low viscosity polyurethane coatings without increasing VOC
- Prevents the generation of CO₂ gas resulting in defect free films
- Displays little effect on gloss, hardness, chemical resistance, cure or pot life of 2K PU coatings
- Good flow and application properties
- High degree of moisture tolerance
- Good weather resistance

Typical Applications

- Reactive diluent for one and two component polyurethanes, particularly elastomers and high build paints