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Ravasol PU-1

Aqueous Polyurethane Dispersion

Description

Ravasol PU-1 is an aliphatic polyester based aqueous dispersion containing no free isocyanate. Hardness can be increased, and solvent-resistance improved via additional cross-linking with suitable agents such as water dispersible isocyanate, melamine formaldehyde resins, polyaziridines or carbodiimides

Applications

Ravasol PU-1 is suitable for a wide variety of applications, including but not limited to: -

- Leather Topcoats
- Paints & Lacquers
- Parquet Flooring
- Paper Coatings
- Inks
- Textiles
- Industrial Coatings

Properties

Property	Value
Polyurethane Dispersion Type	Aliphatic, polyester, anionic
Appearance at 25°C	Semi-colloidal
Solids Content (%)	35
pH at 25°C	8
Viscosity at 25°C (cPs)	50-150
Co-solvent (%) / Type	0.5% Dipropylene Glycol Dimethyl ether
Typical Film Properties	
100% Modulus (MPa)	20
Tensile Strength (MPa)	50
Elongation (%)	400
Konig Hardness (secs)	110
Safety Classification	Non-hazardous (SDS available upon request)



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Packaging

- 120kg in open-top plastic drum
- 1000kg in 1000 litre Intermediate Bulk Container
- Other packaging may be available upon request

Shelf Life

Ravasol PU-1 should be protected from frost and stored at a temperature between 5°C and 30°C out of direct sunlight. When stored / un-opened in the original packaging under the prescribed conditions this product has a shelf-life of 6 months.

This product should be stirred thoroughly prior to use.

Prior to use please refer to the relevant Safety Data Sheet for advice on storage, handling and transport.