



Ravago Chemicals UK Ltd.
Unit 1, Fordham House
Newmarket Road, Fordham
Ely, CB7 5LL, UK

T. +44 (0)1638 724912
F. +44 (0)1638 720306
<https://uk.ravagochemicals.com>
info.uk@ravagochemicals.com



Ravasol PU-4

Aqueous Polyurethane Dispersion

Description

Ravasol PU-4 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-4 is suitable for a wide variety of applications, including but not limited to: -

- Leather basecoats
- Various textile coatings
- Rubber coatings
- Glass coatings
- Flock adhesive
- Abrasive pads

Properties

Property	Value
Polyurethane Dispersion Type	Aliphatic, polyester, anionic
Appearance at 25°C	White liquid
Solids Content (%)	60
pH at 25°C	8
Viscosity at 25°C (cPs)	100 - 300
Co-solvent (%) / Type	0%
Typical Film Properties	
100% Modulus (MPa)	1
Tensile Strength (MPa)	15
Elongation (%)	1,300
Konig Hardness (secs)	25
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-4 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.