

Technical Leaflet

WorléePol 6756

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WorléePol 6756 is a saturated, hydroxyl functional polyester resin for the manufacture of solvent based "ultra high solids" 2 component PUR systems.

Technical Data:

Non-volatile content, 1h/125 °C, DIN EN ISO 3251	78% ± 1
Colour, Gardner, DIN ISO 4630	max. 2
Viscosity, Rheometer, 20 °C, C 60/2°, 5 s ⁻¹	15,000 - 45,000 mPa·s
OH-content, on solids	approx. 5.6%
Density, 20 °C, DIN EN ISO 2811-1	approx. 1.1 g/cm ³
Glass transition temperature T _g	approx. -19 °C
Delivery form	78% in butyl acetate

Application and Properties:

In combination with aliphatic polyisocyanates WorléePol 6756 is used in high quality air- and forced-drying 2K-"ultra high solids" lacquers for industrial and car repair coatings and shows good mechanical properties as well as chemical and outdoor resistance.

The special dilutibility enables the formulation of 2K topcoats with low VOC (calculated value of approx. 400 g/l in a white testing formulation at a viscosity of 21 s at 20 °C in a DIN 4 mm cup) and at the same time good drying and high hardness.

In corresponding lacquer formulations (with compatible "low or medium solids"- acrylic polyols) with WorléePol 6756 the non-volatile content of the lacquer can be increased as well as the chemical and outdoor resistance be improved.

Shelf Life:

The storage stability of WorléePol 6756 in the originally closed barrel is at a storage temperature from +5 to +25 °C twelve months, counted from the day of the delivery ex works.