

Technical Leaflet

WorléePol[®] 6756

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W'Pol 6756 is a saturated, hydroxy 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
Viscosity, delivery form, 20 °C, Brookfield, DIN EN ISO 2555, spindle 4, 5 rpm	15,000 - 45,000 mPa·s
Colour, Gardner, delivery form, DIN ISO 4630	max. 2
Density, 20 °C, DIN EN ISO 2811-1	approx. 1.1 g/cm ³
OH-content (on solids)	approx. 5.6%
Tg Glass transition temperature	approx. - 19 °C
Delivery form	78% in butyl acetate

Application and Properties:

In combination with aliphatic polyisocyanates W'Pol 6756 is used in high quality air- and forced-drying 2 pack-"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 2 pack 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 W'Pol 6756 the non volatile content of the lacquer can be increased as well as the chemical and outdoor resistance be improved.