

Technical Leaflet

WorléePol 6741

Art.-No. 111501-09615

Revision: 17.01.06

W'Pol 6741 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	80% ± 1
Viscosity, delivery form, 20 °C, Brookfield, spindle 4, 10 rpm, DIN EN ISO 2555	10,000 - 20,000 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. 4.1%
Delivery form	80% in butyl acetate

Application and Properties:

Due to its wide compatibility W'Pol 6741 can be used in various systems.

Normally this polyester resin is used as a sole binder or modifying component for isocyanate crosslinking solvent based high solid coatings.

In combination with aliphatic polyisocyanates W'Pol 6741 is used in 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. 360 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 hardening.

In corresponding lacquer formulations (acrylic polyol or polyester polyol) with W'Pol 6741 the solvent content of the lacquer can be reduced in clear and topcoats with the same processing viscosity.