



# **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:**

Delivery form	78% in butyl acetate
Glass transition temperature Tg	approx19 °C
Density, 20 °C, DIN EN ISO 2811-1	approx. 1.1 g/cm <sup>3</sup>
OH-content, on solids	approx. 5.6%
Viscosity, Rheometer, 20 °C, C 60/2°, 5 s <sup>-1</sup>	15,000 - 45,000 mPa∙s
Colour, Gardner, DIN ISO 4630	max. 2
Non-volatile content, 1h/125 °C, DIN EN ISO 3251	78% ± 1
Non-volatile content 1b/125 °C	78% + 1

## 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.

The above declarations serve for information purposes only. In particular, they shall not be relevant to define binding specifications for any orders. With respect to any order, the specifications shall be governed by the provisions of the sales contract to be concluded between the parties (e.g. the "product specification"). Any deliveries are exclusively subject to our general standard terms and conditions in their respectively valid version. We will be happy to provide you with the general standard terms and conditions upon your request and

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