



Technical Leaflet

WorléePol 194

Art. Nr. 111503-12478

Stand: 19.07.2016

W Pol 194 is a water thinnable, oil free, branched polyester resin.

Technical Data:

Appearance	clear – slightly opaque
Non volatile content, 1h/125 °C,	40% ± 2
DIN EN ISO 3251	
pH-value, DIN ISO 976	7.5 – 8.5
OH-content on solids	approx. 3.7%
Neutralization agent	DMEA as salt
Acid value, on solids, DIN EN ISO 3682	48 - 58
Density, 20 °C, DIN EN ISO 2811-1	1.075 g/cm³
Viscosity, Rheometer, 20 °C, C 35/1°, 25 s ⁻¹	< 20.000 mPa·s
Delivery form	40% in H₂O/butyl glycol (2.1% butyl glycol)

Application and Properties:

W Pol 194 is a very reactive polyester resin for the manufacture of water thinnable stoving primers, fillers and top coats.

Primers and fillers based on W'Pol 194 show excellent mechanical properties.

W Pol 194 is also very much suitable fort the formulation of non-yellowing, high gloss top coats with good resistance to chemicals.

Crosslinkers – W'Pol 194 requires the addition of a fully etherified aminoresin to achieve useful bake film properties at 140 - 180 °C.

Due to the delivery form, only 2.1% co solvent, low VOC formulations are possible. To guarantee an optimum of storage stability, the pH value should be adjusted between 8.0 - 8.5.

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





WorléePol 194

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Recommended Storage and Transport Conditions:

5 to 25 °C.

Protect from freeze and direct sun. Product contains water and storage under 0 °C may cause inhomogenity. In this case, warm up slowly at room temperature, if necessary with the help of a slow stirrer.

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