

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:

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| Appearance | clear – slightly opaque |
| Non volatile content, 1h/125 °C, DIN EN ISO 3251 | 40% ± 2 |
| 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/cm ³ |
| Viscosity, Rheometer, 20 °C, C 35/1°, 25 s ⁻¹ | < 20.000 mPa·s |
| Delivery form | 40% in H ₂ O/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 for 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.

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 inhomogeneity. In this case, warm up slowly at room temperature, if necessary with the help of a slow stirrer.