

## Bayhydrol® E 270

Technical DataSheet | Supplied by Covestro

Water-thinnable, oil-free, saturated polyester resin. Used in combination with water-thinnable amino resins in the formulation of industrial stoving coatings and aqueous stoving primer surfacers for on-line automotive finishing, both with a low co-solvent content. Offers good hardness, flexibility and adhesion.

<b>Product Type</b>	Polyesters > Saturated
<b>Chemical Composition</b>	Saturated polyester resin
<b>Physical Form</b>	Liquid
<b>Product Status</b>	COMMERCIAL
<b>Applications/ Recommended for</b>	Coatings > Waterborne Coatings Markets > Automotive OEM > Primer / Surfacer Coatings Markets > Automotive OEM > Top coats Coatings Markets > General Industrial /Maintenance

## Bayhydrol® E 270 Properties

Property	Value & Unit	Test Condition	Test Method
<b>Acid Value</b>	31.5 - 38.5 mg KOH/g		
<b>Viscosity</b>	9000 - 15000 mPa-s	At 23°C	
<b>Density</b>	1.1 g/ml	At 20°C	
<b>Solid Content</b>	69 - 71 %		
<b>Flash Point</b>	> 110 °C		
<b>pH</b>	7.5 - 8.5	Thinned 1:6 with Deionized Water	
<b>Hydroxyl Value</b>	2.9 %		

**Particle Size** 0.01 - 0.02 m

Solubility	Element	Test Condition	Test Method
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<b>Soluble in</b>	water, glycol ethers, glycols and alcohols		
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