

Polycin® 12

Technical Data Sheet



Product Identification Polycin® 12 is a 100% solids castor oil based reactive diluent having good compatibility and wetting. This polyol is a tetrahydroxy ester, with primary and secondary hydroxyl groups, making it an attractive material for chemical reactions.

	Property	Value
Physical Properties	Acid Value	3
	Appearance	Pale amber liquid
	Color, Gardner	5
	Density, lbs./gal, 25°C	8.31
	Equivalent Weight	170
	Functionality	4
	Hydroxyl Value	330
	Moisture, %	0.03
	Non-Volatile, %	100
	Specific Gravity, 25°C/25°C	0.999
Viscosity, cP @ 25°C	3,000	

- Applications**
- Formulation of 100% solids high performance polyurethane coatings
 - Low VOC UV resistant 2-component industrial maintenance coatings and thermosetting OEM coatings
 - Property improvements such as; hardness, adhesion, moisture resistance, and chemical resistance in coatings, adhesives, sealants, and elastomeric formulations
 - Low VOC force dry and bake topcoats and primers for plastics and metal
 - VOC and viscosity reduction in coatings, adhesives and sealants
 - Urethane Intermediates, Polymers
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For toxicity or regulatory information please consult the Material Safety Data Sheet.

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