

Polycin® GR-50

Technical Data Sheet

Product Identification

Polycin® GR-50 is a 100% solids, castor oil-based derivative designed for use as a primary polyol or reactive diluent in polyurethane sealants and adhesives systems. Polycin® GR-50 imparts low hardness and provides VOC reduction while offering the beneficial properties of castor oil derivatives, such as improved flow and levelling.

	Property	Typical Value
Physical Properties	Acid Value	2
	Appearance	clear amber liquid
	Color, Gardner	5
	Density, lbs./gal, 25°C	7.87
	Equivalent Weight	1085
	Functionality	2.2
	Hydroxyl Value	52
	Moisture, %	0.04
	Specific Gravity, 25°C/25°C	0.943
	Viscosity, cP @ 25°C	1,400
Renewable Content, %	100	

Applications

- Formulation of 100% solids polyurethanes
- Moisture resistance
- VOC reduction in adhesives and sealants
- Urethane Intermediates, Prepolymers

For toxicity or regulatory information please consult the Safety Data Sheet.

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