



Polycin® GR-80

Technical Data Sheet

Product Identification

Polycin® GR-80 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-80 imparts low hardness and provides VOC reduction while offering the beneficial properties of castor oil derivatives, such as improved flow and levelling.

Product Specifications

<u>Property</u>	<u>Specification Value</u>
Acid Value	3 maximum
Color, Gardner	6 maximum
Hydroxyl Value	75 - 85
Moisture, %	0.05 maximum
Viscosity, cP @ 25°C	900 – 1200

Physical Properties

<u>Property</u>	<u>Typical Value</u>
Appearance	clear amber liquid
Density, lbs./gal, 25°C	7.89
Equivalent Weight	716
Molecular Weight	1700
Functionality	2.4
Non-Volatile, %	100
Specific Gravity, 25°C/25°C	0.946
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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