

UNI-REZ™ 1533 Polyamide Resin

PRODUCT DATA SHEET

UNI-REZ 1533 polyamide resin is a co-solvent type resin which is soluble in alcohols, but typically requires mixtures of aliphatic hydrocarbons and alcohols for gel stability. UNI-REZ 1533 polyamide resin provides fast solvent release, good gel resistance, and excellent grease resistance in flexographic / gravure inks for plastic substrates.

FEATURES:

- good gloss, and blocking resistance
- Fast solvent release
- Excellent grease resistance

POTENTIAL APPLICATIONS:

- Used for flexographic and gravure inks
- Good gel resistance

SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Softening Point, Ring & Ball, °C	AQCM 003A	99-108	104
Color35%, 1:1 Toluene/Butanol, Gardner	AQCM 002C	Max. 7	5+
Acid Number	AQCM 001	Max. 5	2.1
Amine Number	AQCM 069A	Max. 8.5	5.0
Viscosity, Brookfield, cps 160°C	AQCM 004	3400-4200	3665

*Kraton test methods are available upon request

TYPICAL VALUES

Property	Test Method*	Typical Value
Solution Viscosity Brookfield, 40% in n-Propanol, 25°C	AQCM 004	239
Zahn cup #2 elution time (sec.), 40% in n-Propanol, 25°C	AQCM 145	80
Viscosity, Brookfield, cps 160°C	AQCM 004	3897
Color, 40% in n-Propanol, Gardner	AQCM 002A	5 +

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DOT SHIPPING CLASSIFICATION	Not regulated as dangerous goods.
PACKAGING	UNI-REZ 1533 is a granulated resin, packaged in multiwall paper bags, 50 lbs.
STORAGE RECOMMENDATION	Granulated forms of resin are prone to slow oxidation which may result in darkening and/or have an adverse effect on solubility after prolonged storage. The shelf life of this product can be extended by storing in full, closed containers kept in a cool, dry area.

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