

UNI-REZ™ 2248 Polyamide Resin

PRODUCT DATA SHEET

UNI-REZ 2248 polyamide resin is an alcohol soluble type resin for flexographic printing. It has high compatibility with nitrocellulose, excellent gel resistance, and excellent moisture tolerance.

FEATURES:

- Mid-range viscosity
- Alcohol soluble
- High moisture tolerance
- Compatible with nitrocellulose

POTENTIAL APPLICATIONS:

- Excellent film properties
- Excellent gel resistance and fast recovery
- Good heat resistance

SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Solution Viscosity Brookfield, 50% in n-Propanol, 25°C	AQCM 004	160-300	222
Softening Point, Ring & Ball, °C	AQCM 003A	104-116	109
Color, 50% in n-Propanol, Gardner	AQCM 002C	Max. 7	6
Acid Number	AQCM 001	Max. 6	3.9
Amine Number	AQCM 069A	Max. 7	3.1

*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	98
Zahn cup #2 elution time (sec.), 40% in n-Propanol, 25°C	AQCM 145	35
Viscosity, Brookfield, cps 160°C	AQCM 004	896
Color, 40% in n-Propanol, Gardner	AQCM 002A	5 +
Ethanol Solubility, anhydrous 95% Ethanol (IPA denaturant)		
% Solids in Haze Point	ADVM 552	9.6
% Ethanol Tolerance, 20 % NV Ethanol Solution	ADVM 552	108

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DOT SHIPPING CLASSIFICATION	Not regulated as dangerous goods.
PACKAGING	UNI-REZ 2248 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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