

## UNI-REZ™ 2229 Polyamide Resin

### PRODUCT DATA SHEET

UNI-REZ 2229 polyamide resin is an alcohol soluble type resin that is used for flexographic printing. It has balanced properties making it a good choice for general purpose flexographic surface printing.

#### FEATURES:

- Mid-range viscosity
- Alcohol soluble
- Compatibility with nitrocellulose

#### POTENTIAL APPLICATIONS:

- Good balance of viscosity and film properties
- Excellent gel resistance and fast recovery times
- Good heat resistance

### SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Softening Point, Ring & Ball, °C	AQCM 003A	113-123	119
Color, 50% in n-Propanol, Gardner	AQCM 002C	Max. 7	6
Acid Number	AQCM 001	1-6	3.8
Amine Number	AQCM 069A	Max. 7	3.0
Solution Viscosity Brookfield, 50% in n-Propanol, 25°C	AQCM 004	200-290	228

\*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	87
Zahn cup #2 elution time (sec.), 40% in n-Propanol, 25°C	AQCM 145	34
Viscosity, Brookfield, cps 160°C	AQCM 004	436
Color, 40% in n-Propanol, Gardner	AQCM 002A	5 +
Ethanol Solubility, anhydrous 95% Ethanol (IPA denaturant)		
% Solids in Haze Point	ADVM 552	9.5
% Ethanol Tolerance, 20 % NV Ethanol Solution	ADVM 552	110

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<b>DOT SHIPPING CLASSIFICATION</b>	Not regulated as dangerous goods.
<b>PACKAGING</b>	UNI-REZ 2229 is a granulated resin, packaged in multiwall paper bags, 50 lbs.
<b>STORAGE RECOMMENDATION</b>	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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