

UNI-REZ™ 2228 Polyamide Resin

PRODUCT DATA SHEET

UNI-REZ 2228 polyamide resin is a high viscosity, alcohol soluble type resin for use in flexographic printing. Its high molecular weight and fast solvent release makes it ideal for high speed printing and when high chemical and/or abrasion resistance properties are desired.

FEATURES:

- High viscosity
- Alcohol soluble
- Compatibility with nitrocellulose

POTENTIAL APPLICATIONS:

- Excellent crinkle, abrasion, and chemical resistance
- 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	105-115	113
Color, 50% in n-Propanol, Gardner	AQCM 002C	Max. 7	6
Acid Number	AQCM 001	Max. 2	0.6
Amine Number	AQCM 069A	Max. 7	3.6
Solution Viscosity Brookfield, 50% in n-Propanol, 25°C	AQCM 004	450-760	560

*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	195
Zahn cup #2 elution time (sec.), 40% in n-Propanol, 25°C	AQCM 145	66
Viscosity, Brookfield, cps 160°C	AQCM 004	1465
Color, 40% in n-Propanol, Gardner	AQCM 002A	5 +
Ethanol Solubility, anhydrous 95% Ethanol (IPA denaturant)		
% Solids in Haze Point	ADVM 552	22.1
% Ethanol Tolerance, 20 % NV Ethanol Solution	ADVM 552	81

*Kraton test methods are available upon request

DOT SHIPPING CLASSIFICATION	Not regulated as dangerous goods.
PACKAGING	UNI-REZ 2228 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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