

UNI-REZ™ 2291 Polyamide Resin

PRODUCT DATA SHEET

UNI-REZ 2291 polyamide resin is a high molecular weight resin designed to provide laminating inks with a combination of excellent adhesion and viscosity stability. It has good alcohol solubility, low odor and the fast solvent release needed to obtain a low volatiles retain in laminated films.

FEATURES:

- High viscosity
- Alcohol soluble

POTENTIAL APPLICATIONS:

- Laminating ink with superior bonding ability
- Fast solvent release
- Low volatiles retained

SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Acid Number	AQCM 001	Max. 6	0.8
Amine Number	AQCM 069A	Max. 7	4.6
Softening Point, Ring & Ball, °C	AQCM 003A	129-141	135
Color, 40% in n-Propanol, Gardner	AQCM 002C	Max. 7	4
Solution Viscosity, Gardner-Holdt of Resin Solution, 40% in n-Propanol, 25°C	AQCM 042	X – Z2	YZ

*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	8470
Solution Viscosity Brookfield, 35% in i-propanol/VM&P Naphtha , 25°C	AQCM 004	1750
Viscosity, Brookfield, cps 160°C	AQCM 004	94130
Color, 40% in n-Propanol, Gardner	AQCM 002A	4 +

*Kraton test methods are available upon request

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DOT SHIPPING CLASSIFICATION	Not regulated as dangerous goods.
PACKAGING	UNI-REZ 2291 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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