

UNI-REZ™ 2940 Polyamide Resin

PRODUCT DATA SHEET

UNI-REZ 2940 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 2940 polyamide resin provides fast solvent release and good grease resistance in flexographic / gravure inks for plastic substrates and is especially effective as an overprint lacquer.

FEATURES:

- Fast solvent release
- Co-solvent type polyamide
- Good grease, ice-pack, water and chemical resistance

POTENTIAL APPLICATIONS:

- Used for flexographic ink on plastic substrates
- Lowest viscosity co-solvent resin
- Can be used for overprint lacquers, especially cold seal release lacquers

SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Acid Number	AQCM 001	1-6	1.8
Amine Number	AQCM 069A	Max. 7	3.7
Viscosity, Brookfield, cps 160°C	AQCM 004	1200-1800	1280
Color, 35% in Toluene/ n-Butanol, Gardner	AQCM 002C	Max. 7	5
Softening Point, Ring & Ball, °C	AQCM 003A	105-115	111
Solution Viscosity Brookfield, 35% in Toluene /n-Butanol, 25°C	AQCM 004	50-80	65

*Kraton test methods are available upon request

TYPICAL VALUES

Property	Test Method*	Typical Value
Solution Viscosity Brookfield, 35% in i-Propanol/VM&P Naphtha, 25°C	AQCM 004	93
Zahn cup #2 elution time (sec.), 35% in i-Propanol/VM&P Naphtha, 25°C	AQCM 145	37
Viscosity, Brookfield, cps 160°C	AQCM 004	1417
Color, 35% in i-Propanol/VM&P Naphtha, Gardner	AQCM 002A	5

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DOT SHIPPING CLASSIFICATION	Not regulated as dangerous goods.
PACKAGING	UNI-REZ 2940 is a granulated resin, packaged in multiwall paper bags, 50lbs. net.
STORAGE RECOMMENDATION	To be stored in full, closed containers kept in a cool, dry area. 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.

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