



Product Data Sheet

UNI-REZ[®] 111 NON-REACTIVE POLYAMIDE RESIN

Uni-Rez 111 is an alcohol soluble polyamide resin which is soluble in ethanol and which has a relatively high softening point, giving good resistance to heat. Because of its good compatibility with nitrocellulose, formulations can be developed with improved resistance to water, increased resistance to heat and fast drying speeds. Its gel resistance is good, but can be improved by the addition of small amounts of hydrocarbon solvent.

FEATURES

- Excellent adhesion
- Good gel resistance
- Good gloss
- Low odour
- Excellent grease resistance
- Excellent blocking resistance

APPLICATIONS

- Gravure and flexographic inks and varnishes
- Overprint lacquers

PROPERTIES*	TEST METHOD	SPECIFICATIONS
Acid Number, mg KOH/g	AQCM 001	0 – 6
Amine Number, mg KOH/g	AQCM 069	0 – 7
Colour, 50% solution in n-propanol, Gardner	AQCM 002	0 – 7
Softening Point, Ring & Ball, °C	AQCM 003	123 – 133
Viscosity, 50% solution in n-propanol, 25 °C, mPa·s	AQCM 004	175 – 195

* Arizona Quality Control Method (AQCM) available upon request

HANDLING & STORAGE	<p>The resin can slowly oxidise, which may result in darkening and/or have an adverse effect on solubility after prolonged storage.</p> <p>The shelf life of this product can be extended by storage in full, closed containers kept in a cool, dry area.</p> <p>Resin is supplied in pelletised form for ease of handling.</p>
SHIPPING CLASSIFICATION	Not classified
CN CODE	3908.9000
PACKAGING	<p>25 kg multiwall paper bags, 500 kg per pallet</p> <p>500 kg big bags are also available</p>
HEALTH & SAFETY	Please refer to Material Safety Data Sheet



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