

Product Data Sheet

Altor™ 201 Polyaspartic Ester

Product Description

Altor 201 polyaspartic ester is a low-color, solvent-free amine-functional reactive partner for polyisocyanates. This low viscosity amine functional resin was developed for use in the formulation of high solids two-component polyurethane-urea coatings.

TYPICAL PROPERTIES

Altor 201 Polyaspartic Ester	Typical Value	Methods
Color, APHA	25	ASTM D1544
Moisture, %	0.10 Max	ASTM F1869
Viscosity @ 25°C, cP	1258	ASTM D2196
Equivalent Weight	Approx. 276	ASTM D1652-97
Density @ 25°C, lb/gal	8.8	ASTM D1475-13
Amine Value, mg KOH/g sample	202	ASTM D2074-07
Gel Time, minutes	20	ASTM D2471-71

-Data is based on testing performed with hexamethylene diisocyanate (NCO content 22.5-23.9%)

Advantages

- Low color
- Low VOC
- Compatible with many polyisocyanates and prepolymers
- Low yellowing and UV resistant

Applications

- May be used by itself or as a blend with hydroxyl- functional acrylic resins and crosslinked with an aliphatic polyisocyanate to yield high solids polyurethane/urea clear coats
- May be blended with other amine functional resins such as Altor 200 or Altor 202 in order to obtain customized pot life/dry time characteristics when formulating high solids polyurea topcoats

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Storage

The recommended shelf life is 12 months in unopened containers maintained at a proper storage temperature of 25°C. Keep away from extreme heat, cold, and moisture.

Note: It is recommended that opened drums use a desiccant tube in the bleed bung and are covered with a nitrogen blanket if the drum will be stored as a partial for later use.

Handling Precautions

Please refer to the products material safety data sheet for shipping, safety and handling procedures

Packaging

Product is available in drums and totes. Bulk shipments available upon request.

CONTACT

Contact your sales representative for pricing and availability of the product

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