

Technical Data Sheet

Astro Mel™ 601ULF

Description

Astro Mel 601-ULF is a liquid, hexamethoxymethyl-type melamine resin.

Application

Astro Mel 601-ULF can be used to crosslink a variety of solvent-based and waterborne polymers that contain hydroxyl, amino, amido, and carboxyl functional groups. Acid catalysts, such as toluenesulfonic acid, are recommended to promote cure at lower bake temperatures. Astro Mel 601-ULF is not water-soluble, but can be dissolved with the aid of alcohol or other cosolvents. In many cases, the surfactant vehicle of latex systems is adequate to promote solubility.

Benefits

Astro Mel 601-ULF can provide improved solvent, impact, and abrasion resistance to wood and metal coatings. Astro Mel 601-ULF also contains a very low level of free formaldehyde.

Typical Properties

Property	Value	Unit	Test Method
Estimated Storage Life @ 21°C	52	weeks	ADCH0473-H
Free Formaldehyde	0.9	%	ADCH0188
Solids	98 - 0	%	ADCH0407
Solvent None	0		
Viscosity Brookfield	2500 - 5000	cP	ADCH0650
Viscosity Gardner-Holdt	Y- Z3		ADCH0593
Weight	~ 10.0	Pounds per Gallon	ADCH0444

Material Storage

Properties	Method	Specification
Estimated Storage Life @ 21°C	ADCH0473-H	52 weeks

Material Handling

Handle in accordance with good industrial hygiene and safety practices. Refer to the Material Safety Data Sheet for specific handling instructions.

ASTRO MEL 601 Contact Information

Astro Mel 601ULF
<https://www.hexion.com/en-US/product/astro-mel-601ulf>

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