

Technical Data Sheet

ASTRO SET 90

Description

Astro Set 90 is a liquid, methylated urea-formaldehyde resin.

Application

Astro Set 90 is designed for use in solvent-based and waterborne coatings. Astro Set 90 can be used to crosslink a variety of polymers that contain hydroxyl, amide, and carboxyl groups.

Benefits

Astro Set 90 can provide more rapid cure response than typical butylated urea resins. Astro Set 90 also provides excellent storage and catalyzed coating stability.

Typical Properties

Property	Value	Unit	Test Method
Estimated Storage Life @21°C	26	weeks	ADCH0473-H
Free Formaldehyde	0.9	%	ADCH0188
Solids	96		ADCH0407
Solvent Water	0		
Specific gravity	1.23 - 1.25		ADCH0362
Viscosity Gardner-Holdt	Z2 - Z4		ADCH0650
Viscosity Brookfield	4000 - 9000	cP	ADCH0650
Weight	~9.8	Pounds per Gallon	ADCH0444

Material Storage

Properties	Method	Specification
Estimated Storage Life @ 21°C	ADCH0473-H	26 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 NW-3A Contact Information

ASTRO SET 90
<https://www.hexion.com/en-US/product/astro-set-90>

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