

Technical Data Sheet

Aricel PC-6A

Description

Aricel PC-6A is a liquid, partially methylated melamine resin.

Application

Aricel PC-6A is a waterborne resin that can be used to crosslink hydroxy-functional polymers in formulations used for nonwoven binders and textile finishing. In most cases, Aricel PC-6A provides adequate cure response without the addition of a strong acid catalyst. To promote cure at lower bake temperatures, the use of a blocked acid catalyst is recommended.

Benefits

In nonwovens and textile finishing, Aricel PC-6A yields firm, resilient finishes that are highly abrasion and solvent resistant. Aricel PC-6A can also be employed to improve the wash and crock fastness of textile printing applications. Additionally, Aricel PC-6A offers good formulated stability and adequate cure response at temperatures below 160 °C.

Typical Properties

Property	Value	Unit	Test Method
Appearance Clear, Colorless Liquid	0		ADCH0037
Estimated Storage Life @ 21°C	26	weeks	ADCH0473-H
Free Formaldehyde	0.75	%	ADCH0188
Solids	80 ± 2	%	ADCH0407
Solvent Water	0		
Specific gravity	1.23 - 1.25		ADCH0362
Viscosity Brookfield	600 ± 200	cP	ADCH0650
Weight	~ 10.3	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.

Contact Information

Corporate Headquarters Technical and Sales Inquiries:

Aricel PC-6A
<https://www.hexion.com/en-US/product/aricel-pc-6a>

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AriceL PC-6A

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