

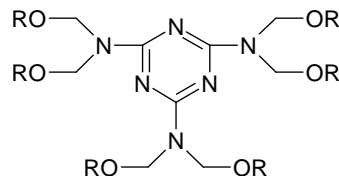
CHARACTERISTICS

Hexamethoxy n-butyl/methyl- melamine formaldehyde resin

FORM OF DELIVERY

Min. 98% solids, solvent free

STRUCTURE



SPECIFICATION

Determined per batch

Properties

Viscosity

Cone & Plate	(435-1061-1 (23°C))	[CPS]	1200-3200
Gardner-Holdt 25°C	(435-1200-3)		V- Z

Non-Volatile Matter

(Foil, 45min at 45°C)	(435-1200-19)	[%]	>98
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Color, APHA

(435-1019)			30 max.
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Haze, APHA

(435-1019)			5 max.
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Density (Liquids)

(435-1200-30) at 25°C		LB./Gal.	8.5-8.9
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Formaldehyde Content (Sulfite)

DIN EN ISO 11402		[%]	< 0.15
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Not continually determined

Flash Point (Pensky Martens)

DIN EN 22719 analog.		°F	[>230°]
		[°C]	[>110]

Degree of polymerisation, DP, typical

(GPC/PSI)			1.6-1.8
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USES:

Resimene 764 is a fully alkylated, mixed etherified (Me/Bu = 10/90) melamine formaldehyde resin, which needs a strong (eg sulfonic acid catalyst. The mainly butyl functionality helps to control rheology and improve appearance and intercoat adhesion in a multi layer coating system in combination with a good catalyzed cure response.

Additionally, Resimene 764 contributes to overall good film flexibility and durability, due to its mixed alkylation. Resimene 764 can be used in high solids automotive coatings, in inks and by using cosolvents in waterborne coatings where ultrafiltration is needed for recycling eg non glossy anodic electrodeposition coatings

STORAGE STABILITY:

At temperatures up to 25°C the storage stability of Resimene 764 packed in original containers amounts to at least 24 months. Some turbidity may occur in isolated cases but this has no effect on product quality.



	World Area		Customer Support	Technical Support
INEOS Melamines, LLC 730B Worcester Street Springfield, MA 01151	North America		+1 888 723 2873	+1 413 730 2499
			+1 413 730 3814	
	South America North & South America	 	+1 413 730 3815 +1 413 730 3817	+1 413 730 2499 +1 413 730 2268
INEOS Melamines GmbH Alt Fechenheim 34 D 60386 Frankfurt, Germany	Europa Middle East / Africa	 	+49 (0) 69 4109 2319 +49 (0) 69 4109 2552	+49 (0) 69 4109 2310 +49 (0) 69 4109 2628
	www.ineosmelamines.com	Asia / Pacific	 	+86-21-6103 5220 +86-21-6226 5072

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