

Technical Data Sheet

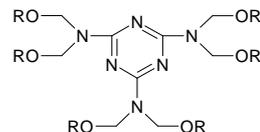
CHARACTERISTICS

Hexamethoxymethyl/n-butyl- melamine formaldehyde resin

FORM OF DELIVERY

98% solvent free

STRUCTURE



SPECIFICATION

Determined per batch

Property

Viscosity DIN EN ISO3219-B

Gardner-Holdt 25°C
(435-1200-3)

O - T

Non-Volatile Matter / Solids

Foil, 45min at 45°C
(435-1200-19)

[%] 98

Color, APHA

(435-1019)

30 max.

Haze, APHA

(435-1019)

5 max.

Density (Liquids)

(435-1200-30) at 25°C

LB./Gal. 9.4 - 9.9

Formaldehyde Content (Sulfite)

(435-1205)

[%] 0.1 max.

Not continually determined

Flash Point (Pensky Martens, closed cup)

analog, DIN EN 22719

[°F] >200
(94°C)

Alkoxy Equivalent Weight (typical)

74 grams /
equivalent

Degree of polymerisation, DP

(GPC/PS I)

1.10

USES :

Resimene CE-7103 is a methyl/butyl (90/10) coetherified melamine-formaldehyde resin of very low viscosity (<1000 mPa.s at 23°C).

It is a highly monomeric grade designed to give optimum performance in low VOC, catalyzed coatings systems. Lower free and evolved formaldehyde formulations are achievable versus conventional melamines. This resin can also be used as a supplemental crosslinker to bring its many benefits to the coating formulation. Performance pluses include coating film flexibility, good substrate wet out, and improved low temperature cure response. Resimene CE-7103 is intended for usage in conventional solventborne and high solids coating systems. The target applications include metal office furniture, wood coatings, coil coatings, general metal, plastic coatings, and OEM automotive. A Resimene CE-7103 formulation guide is available.

STORAGE STABILITY:

At temperatures up to 25°C the storage stability of Resimene CE-7103 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



INEOS Melamines

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