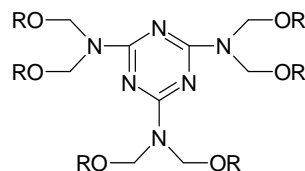


CHARACTERISTICS

Hexamethoxymethyl/n-butyl- melamine formaldehyde resin

STRUCTURE**FORM OF DELIVERY**

95 % nearly solvent free (nB)

SPECIFICATION

Determined per batch

Properties**Dynamic Viscosity DIN 53177**

Cone & Plate (23°C) [mPa.s] 650 - 1450

Non-Volatile Matter DIN EN ISO 3251

(1 h; 120 °C; 2 g) [%] 94 - 96

**Compatibility (aliph. hydrocarbon)
DIN EN ISO 11908**

n-Heptan tolerance at 23°C [g/ml] >2,0

Not continually determined

Iodine Colour Number DIN 6162

<1

Density (Liquids)

approx at 20°C [g/ml] 1,03

Flash Point (Pensky-Martens)

DIN EN 22719 (analog) [°C] > 57

**Formaldehyde Content (Sulfite)
DIN EN ISO 11402**

[%] <0,10

**Molecular weight distribution (Mw/Mn)
(GPC/PS I)**

1,40

USES:

Maprenal MF 905 is higher molecular weight, Me/nB = 35/65 coether and shows a high compatibility to hydrocarbons, ester and ketones, but the compatibility to most alkyds, acrylics or polyesters is limited and needs to be tested casewise.

Maprenal MF 905 can be used for the formulation of non glossy, high throwing power electrocoats (AED).

Even catalysed with a strong sulfonic acid catalyst Maprenal MF 905 shows a low reactivity. Ultrafiltration is possible.

STORAGE STABILITY:

At temperatures up to 25 °C storage stability of Maprenal MF905/95 packed in original containers amounts to at least 24 months after the day of production.

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
	South America		+1 413 730 3814	+1 413 730 2499
	North & South America		+1 413 730 3815 +1 413 730 3817	+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
	Asia / Pacific	 	+86-21-6103 5220 +86-21-6226 5072	+49 (0) 69 4109 2310 +49 (0) 69 4109 2628
www.ineosmelamines.com				

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