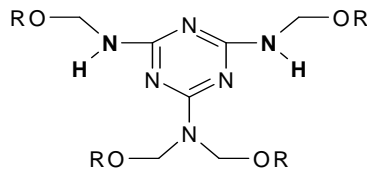


CHARACTERISTICS

Iminotype, highly reactive, n-butylated melamine formaldehyde resin

STRUCTURE



FORM OF DELIVERY

70 % n-Butanol (70 B)

SPECIFICATION

Determined per batch

Properties

Dynamic Viscosity DIN 53177

Cone & Plate (23°C) [mPa.s] 900 -2400

Non-Volatile Matter DIN EN ISO 3251

(1 h; 120 °C; 2 g) [%] 68 - 72

Compatibility (aliph. hydrocarbon) DIN EN ISO 11908

Tolerance (n-Heptan) (23 °C) [ml/g] 4,0 - 10,0

Not continually determined

Iodine Colour Number DIN 6162

< 1

Density (Liquids)

approx at 20°C [g/ml] 1,02

Flash Point (Pensky-Martens) DIN EN 22719 (analog)

[°C] 36

Formaldehyde Content (Sulfite) DIN EN ISO 11402

[%] max0,50

Molecular weight distribution

(M_w/M_n) (GPC/PSI) 1,95

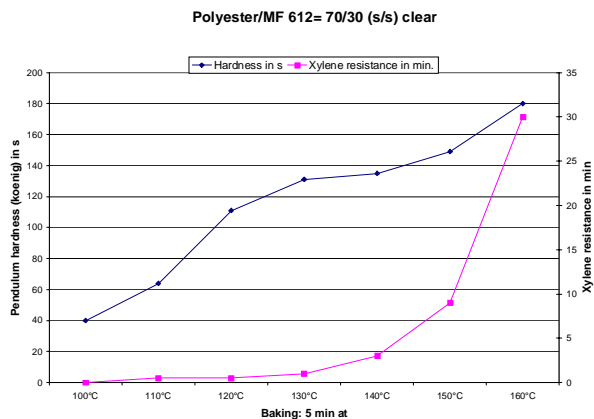
USES:

Maprenal MF 612 is a highly reactive NH type of n-butylated MF, which shows a very good compatibility to hydrocarbons and a good compatibility to esters, ketons and alcohols such like propanol and butanol.

In combination with suitable acrylic, alkyd or polyester resins it can be used to formulate coatings, which in a solid binder/MF 612 ratio =70/30 can be cured > 130°C.

Maprenal MF612 is especially recommended to formulate solvent borne automotive primers, base- and medium solid clear coats. Electrostatic application possible. Yields high water- and acid resistant films.

FILM PROPERTIES:



STORAGE STABILITY:

At temperatures up to 25 °C storage stability of Maprenal MF 612/70B 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
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	South America		+1 413 730 3814	+1 413 730 2499
	Both		+1 413 730 3815 +1 413 730 3817	+1 413 730 2268
INEOS Melamines GmbH Alt Fechenheim 34 D 60386 Frankfurt, Germany	Europa Middle		+49 (0) 69 4109 2319	+49 (0) 69 4109 2310
	East / Africa		+49 (0) 69 4109 2552	+49 (0) 69 4109 2628
www.ineosmelamines.com	Asia / Pacific	 	+86-21-6103 5220 +86-21-6226 5072	+49 (0) 69 4109 2310 +49 (0) 69 4109 2628

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