

Technical Datasheet

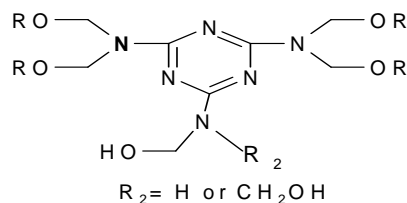
TYPE

Methylol type, highly reactive, isobutylated melamine-formaldehyde resin

FORM OF DELIVERY (f.o.d.)

55 % in isobutanol / xylene (55IBX)

STRUCTURE



PRODUCT DATA

Determined per batch:

Viscosity EN ISO 3219-B

(23 °C) [mPa.s] 260 - 460

Non-Volatile Matter DIN EN ISO 3251

non-volatile matter [%] 54 - 56
analogue DIN EN ISO 3251
(1 h; 120 °C; 2 g; 1B)

Compatibility (aliph. hydrocarbon) DIN EN ISO 11908

dilutability (n-Heptan) [ml/g] 1 - 4
(23 °C)

Not continually determined:

Iodine Colour Number DIN 6162

iodine colour number < 1

Density (Liquids) DIN 12791 part 1+3

density approx. [g/ml] 1,01
(20 °C)

Flash Point (Pensky-Martens) DIN EN 22719

flash point analogue DIN EN 22719 approx. [°C] 33

Formaldehyde Content (Sulfite) DIN EN ISO 11402

content approx. [%] 2,1

degree of polymerisation, DP

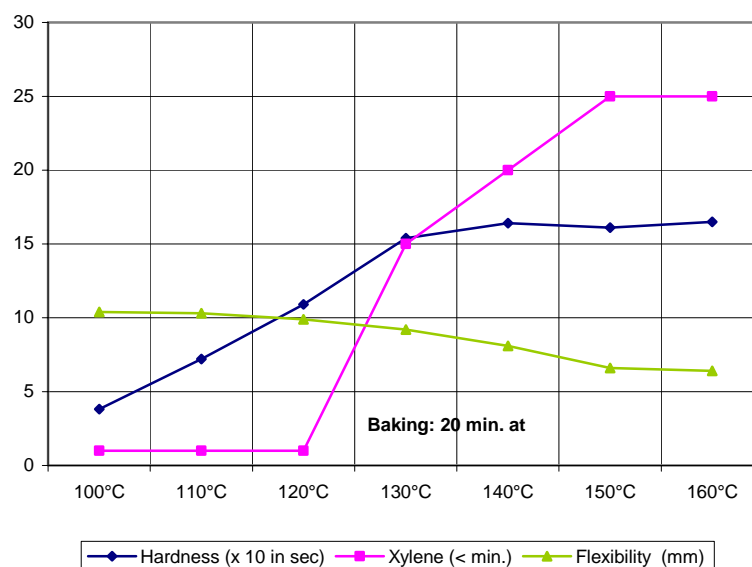
(GPC/PSI) 2.2

USES

Packaging coatings, automotive primers and especially (CAB) base-coats








FILM PROPERTIES / CLEAR COAT

Maprenal MF 590/55IBX (Clear coat: AC/MF = 70/30)



STORAGE

At temperatures up to 25°C storage stability of Maprenal MF 590/55IBX packed in original containers amounts to at least 12 months. Some turbidity may occur in isolated cases but this has no effect on product quality.

	World Area		Customer Order	Technical Support
INEOS Melamines, Inc. 1395 S. Marietta Parkway Bldg. 500, Suite 210 Marietta, GA 30067	North America		+1888 723 2873	+1 413 730 2757
			+1770 528 6693	+1 413 730 3444
	South America		+1678 999 3172	+1 413 730 2757
			+1770 528 6693	+1 413 730 3444
INEOS Melamines GmbH Alt Fechenheim 34 D 60386 Frankfurt, Germany www.ineosmelamines.com	Europe-Africa		+49 (0) 69 4109 2319	+49 (0) 69 4109 2310
			+49 (0) 69 4109 2552	+49 (0) 69 4109 2628
	Asia Pacific		+49 (0) 69 4109 2319	+49 (0) 69 4109 2310
			+49 (0) 69 4109 2552	+49 (0) 69 4109 2628

NOTICE: Although the information and recommendations set forth herein (hereinafter "Information") are presented in good faith and believed to be correct as of the date hereof, Ineos Melamines Inc. (and its subsidiaries) makes no representations or warranties as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving same will make their own determination as to the suitability for their purpose prior to use. In no event will Ineos Melamines Inc. be responsible for damages of any nature whatsoever resulting from the use of or reliance upon Information or the product to which Information refers. Nothing contained herein is to be construed as a recommendation to use any product, process, equipment or formulation in conflict with any patent, and Ineos Melamines Inc. makes no representation or warranty, express or implied, that the use thereof will not infringe any patent. Certain products may not be regulated or available in some world areas. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH INFORMATION REFERS. Where indicated, ® is a Registered Trademark of Ineos Melamines Inc.