

CHARACTERISTICS

Imino type, reactive, n-butylated Benzoguanamine formaldehyde resin

FORM OF DELIVERY

80% in n-Butanol

SPECIFICATION

Determined per batch

Viscosity EN ISO 3219-B

DIN 53117 (23°C)		5000-10000
DIN 53117 (25°C)	[mPas]	4000-8000

Non-Volatile Matter

DIN EN ISO 3251 1h, 120°C, 2g+2ml l-Butanol	[%]	78 - 82
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Compatibility (aliph. Hydrocarbon) at 23°C

DIN ISO 11908 Diluteability (n-Heptane)	ml/g	0,5-2,5
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DIN ISO 11908 Diluteability (Heptane/Toluene = 5/1)	ml/2g	12-15
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Not continually determined

Iodine Colour Number DIN 6162

<1

Density (Liquids) DIN 12791 part 1+3 (GPC/PSI)

g/ml 1,10

Flash Point (Pensky Martens)

analog.DIN EN 22719	[°C]	48°C
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Degree of polymerisation (GPC/PSI)

1,40

Formaldehyde Content (Sulfite)

DIN EN ISO 9020, approx. (435-1205)	[%]	0,9 max
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USES :

- Maprenal SMF 981/80 is exclusively made for Dupont performance coatings.
- Maprenal SMF 981/80 is highly reactive and yield hard and flexible films. It could be used in automotive primers and exterior container coatings to provide an excellent pigment wetting, in combination with a high water and chip resistance and good intercoat adhesion.

STORAGE STABILITY:

- At temperatures up to 25°C storage stability of Maprenal SMF 981/80 packed in original containers amounts to at least 12 month from date of manufacture.
- Some turbidity may occur in isolated cases but this has no effect on the product quality.

	World Area		Customer Order	Technical Support
INEOS Melamines, Inc. 1395 S. Marietta Parkway Bldg. 500, Suite 210 Marietta, GA 30067	North America	 	+1 888 723 2873 +1 770 528 6693	+1 413 730 2757 +1 413 730 3444
	South America	 	+1 678 999 3172 +1 770 528 6693	+1 413 730 2757 +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 2552	+49 (0) 69 4109 2310 +49 (0) 69 4109 2628
	Asia Pacific	 	+49 (0) 69 4109 2319 +49 (0) 69 4109 2552	+49 (0) 69 4109 2310 +49 (0) 69 4109 2628

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