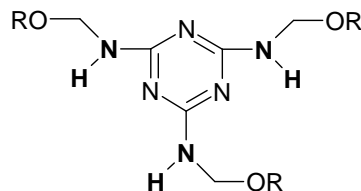


**CHARACTERISTICS**

Iminotype, highly reactive, isobutylated melamine-formaldehyde resin

**FORM OF DELIVERY**

55 % i-Butanol (551B)

**STRUCTURE****SPECIFICATION**

Determined per batch

**Properties****Dynamic Viscosity DIN 53177**

Cone & Plate (23°C) [mPa.s] 750 - 1500

**Non-Volatile Matter DIN EN ISO 3251**

(1 h; 120 °C; 2 g) [%] 54 - 56

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

Tolerance (n-Heptan) (23 °C) [ml/g] 2,0 - 5,0

Not continually determined

**Iodine Colour Number DIN 6162**

< 1

**Density (Liquids)**

approx at 20°C [g/ml] 0,98

**Flash Point (Pensky-Martens)**

DIN EN 22719 (analog) [°C] 33

**Formaldehyde Content (Sulfite)**

DIN EN ISO 11402 [%] < 0,60

**Molecular weight distribution**

(M<sub>w</sub>/M<sub>n</sub>) (GPC/PS I) 1,90

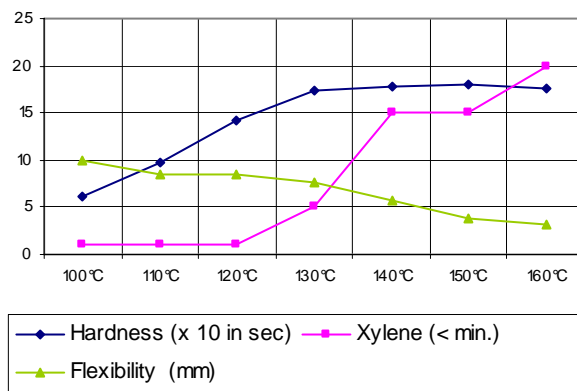
**USES:**

Maprenal MF 580 is a very highly reactive NH type of isobutylated MF, which shows a good compatibility to hydrocarbon, 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 580 ratio = 70/30 can be cured > 120°C.

**FILM PROPERTIES:**

Maprenal MF 580/551B (Clear coat: AC/MF = 70/30)

**STORAGE STABILITY:**

At temperatures up to 25 °C storage stability of Maprenal MF 580/551B 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.



|  | <b>World Area</b> |      | <b>Customer Support</b>              | <b>Technical Support</b>                     |
|--|-------------------|------|--------------------------------------|--|
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