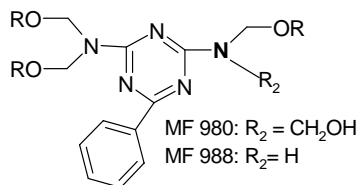


### CHARACTERISTICS

Methylol type, reactive, n-butylated benzoguanamine-formaldehyde resin.

### STRUCTURE



### FORM OF DELIVERY

62 % n-butanol (80B)

### SPECIFICATION

Determined per batch

#### Properties

#### Dynamic Viscosity DIN 53177

Cone & Plate (23°C) [mPa.s] 100 - 300

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

(1 h; 120 °C; 2 g) [%] 61 - 63

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

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

Not continually determined

#### Iodine Colour Number DIN 6162

<1

#### Density (Liquids)

approx at 20°C [g/ml] 1,04

#### Flash Point (Pensky-Martens)

DIN EN 22719 (analog) [°C] 43

#### Formaldehyde Content (Sulfite)

DIN EN ISO 11402 [%] <2,5

#### Molecular weight distribution

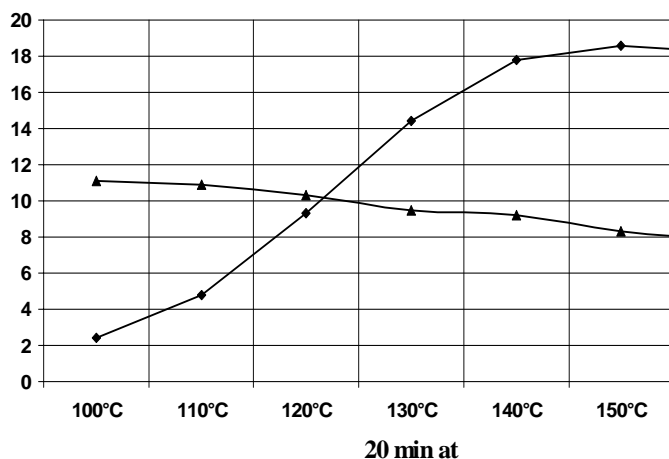
(M<sub>w</sub>/M<sub>n</sub>) (GPC/PSI) 1,20

### USES:

Maprenal MF 980 is soluble in unpolar solvents like hydrocarbons eg. solvent naphtha, esters, alcohols, ketons and insoluble in water. Maprenal MF 980 can be combined with Polyesters and Epoxy resins, to yield highly flexible and glossy films which are showing a high water (retort) resistance. Therefore Maprenal MF 980 is especially useable for the formulation of can-, packaging coatings and automotive solventborne primers.

### FILM PROPERTIES:

Film properties / clear coat  
Maprenal MF 980/62B (AC/MF = 70/30)



◆ Pendulum hardness [x 10 in sec]      ▲ Flexibility (Erichsen)

### STORAGE STABILITY:

At temperatures up to 25 °C storage stability of Maprenal MF 980/62B 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.



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