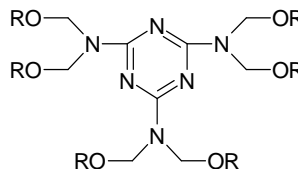


## CHARACTERISTICS

Hexamethoxymethylmelamine formaldehyde resin

## STRUCTURE



## FORM OF DELIVERY

95% solvent free

## SPECIFICATION

Determined per batch

### Properties

#### Dynamic Viscosity DIN 53177

Cone & Plate (23°C) [mPa.s] 4500 - 7200

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

(1 h; 120 °C; 2 g) [%] 93 - 96

Not continually determined

#### Iodine Colour Number DIN 6162

<1

#### Density (Liquids)

approx at 20°C [g/ml] 1,21

#### Flash Point (Pensky-Martens)

DIN EN 22719 (analog) [°C] >90

#### Formaldehyde Content (Sulfite)

DIN EN ISO 11402 [%] <0,75

#### Molecular weight distribution

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

## USES:

Maprenal MF 900 is diluteable with water and medium - polar solvents like eg ketones, ethers, ester and alcohols.

Maprenal MF 900 could be used in solvent and in waterborne coating formulations.

In automotive waterborne primers & base coats Maprenal MF 900 provides highly stable formulations and yields films with a good flow, appearance, overbaking and water resistance.

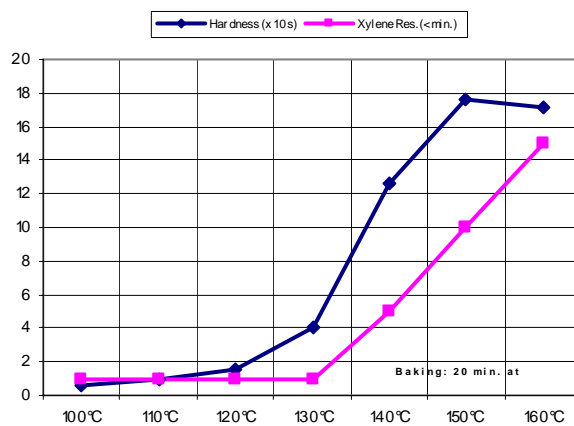
Further suggested uses, in which the use of a strong acid catalyst is required, are in coil, packaging and waterborne baking enamels.

If Maprenal MF 900 is used in acid cured paper foil coatings no cosolvents is needed.

## FILM PROPERTIES:

### Maprenal MF 900 (+ 1 % PTS)

(Clear coat: AC/MF = 70/30)



## STORAGE STABILITY:

At temperature up to 25°C storage stability of Maprenal MF 900w/95 packed in original containers amounts to at least 24 months after day of production. Some turbidity may occur in isolated cases but this has no effect on product quality.



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