

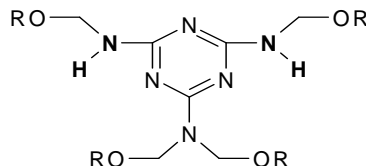
## CHARACTERISTICS

Iminotype, highly reactive, n-butylated melamine formaldehyde resin

## FORM OF DELIVERY

70 % n-Butanol (70 B)

## STRUCTURE



## SPECIFICATION

Determined per batch

### Properties

#### Dynamic Viscosity DIN 53177

Cone & Plate (23°C) [mPa.s] 900-2400

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

(1 h; 120 °C; 2 g) [%] 68 - 72

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

Tolerance (n-Heptan) (23 °C) [ml/g] 4,0 - 10,0

Not continually determined

#### Iodine Colour Number DIN 6162

< 2

#### Density (Liquids)

approx at 20°C [g/ml] 1,02

#### Flash Point (Pensky-Martens) DIN EN 22719 (analog)

[°C] 36

#### Formaldehyde Content (Sulfite) DIN EN ISO 11402

[%] < 1,0

#### Molecular weight distribution

(M<sub>w</sub>/M<sub>n</sub>) (GPC/PSI) 1,95

## USES:

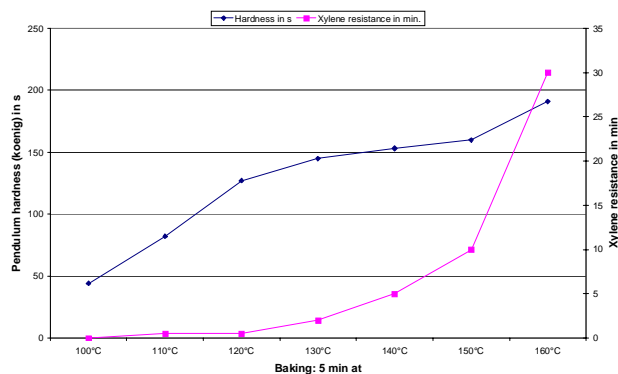
In combination with suitable acrylic, alkyd or polyester resins Maprenal VMF 3611D can be used to formulate coatings, which in a solid binder/VMF 3611D ratio =70/30 can be cured > 130°C.

Maprenal VMF 3611D shows a very good compatibility to hydrocarbons and a good compatibility to esters, ketons and alcohols such like propanol and butanol.

Maprenal VMF 3611D is especially recommended to formulate solvent borne automotive base- and medium solid clear coats. Electrostatic application possible. Yields high water- and acid resistant films.

## FILM PROPERTIES:

Polyester/VMF 3611D = 70/30 (s/s) clear



## STORAGE STABILITY:

At temperatures up to 25 °C storage stability of Maprenal VMF 3611D /70B packed in original containers amounts to at least 24 months.

Some turbidity may occur in isolated cases but this has no effect on product quality.



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