

Provisional technical Datasheet

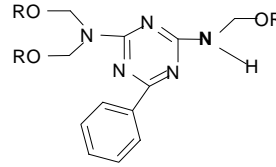
TYPE

Modified, Imino type, medium reactive, methylated benzoguanamine-formaldehyde resin

FORM OF DELIVERY (f.o.d.)

80 % in n-butanol (80B), slightly yellowish

STRUCTURE



PRODUCT DATA

Determined per batch:

Viscosity EN ISO 3219-B

(23 °C) [mPa.s] 1000 – 3000

Non-Volatile Matter DIN EN ISO 3251

non-volatile matter [mPa.s] 78 – 82
analogue DIN EN ISO 3251 (1 h; 120 °C; 2 g; IB)

Not continually determined:

Iodine Colour Number DIN 6162

iodine colour number < 1

Density (Liquids) DIN 12791 part 1+3

density [g/ml] 1,17
approx. (20 °C)

Flash Point (Pensky-Martens) DIN EN 22719

flash point [°C] 37
analogue DIN EN 22719 approx.

Formaldehyde Content (Sulfite) DIN EN ISO 11402

content [%] 0,8
approx.

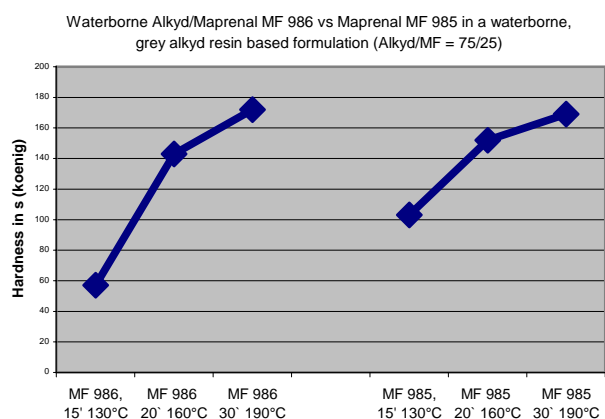
degree of Polymerization, DP

(GPC/PSI) 1.3

USES

- Maprenal MF 986 is fully soluble in polar solvents like alcohols, ester and ketons and partially soluble in hydrocarbons like solvent naphta and insoluble in water.
- Maprenal MF 986 is a modified, medium reactive, methylated Benzoguanamine resins, which provides in combination with suitable Polyesters glossy, hard, flexible and highly water resistant films with good adhesion to various substrates.
- Maprenal MF 986 shows a good cure response in combination with a high formulation stability and overbaking resistance in solvent and waterborne (with cosolvent) baking enamels without and with sulfonic acid type of catalysts.
- Maprenal MF 986 could be added to a waterborne coating by predilution with cosolvents like Butylglycol

FILM PROPERTIES / CLEAR COAT



STORAGE

At temperatures up to 25 °C storage stability of Maprenal MF 986/80B 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.

INEOS Melamines

World Area



Customer Order

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