

Provisional technical Datasheet

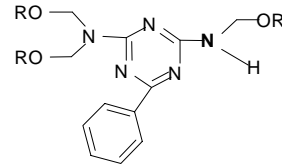
TYPE

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

FORM OF DELIVERY (f.o.d.)

80 % in n-butanol (80B)

STRUCTURE



PRODUCT DATA

Determined per batch:

Viscosity EN ISO 3219-B

(23 °C) [mPa.s] 2000 - 5000

Non-Volatile Matter DIN EN ISO 3251

non-volatile matter [mPa.s] 2000 - 5000
analogue DIN EN ISO 3251 [%] 78 - 82
(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 [%] 1,2
approx.

degree of polymerisation, DP

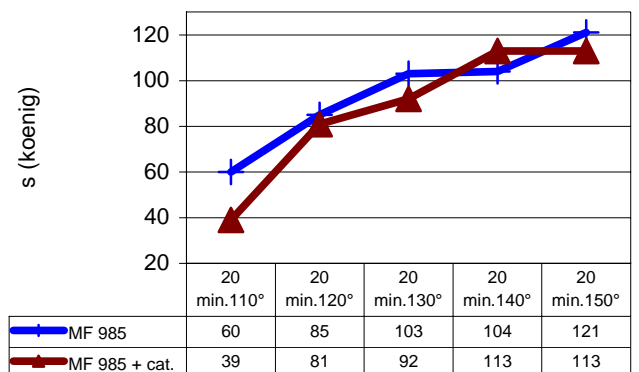
(GPC/PSI) 1.3

USES

- Maprenal MF 985 is fully soluble in polar solvents like alcohols, ester and ketons and partially soluble in hydrocarbons like solvent naphtha.
- Maprenal MF 985 is a modified, 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 985 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 985 could be used in solvent and waterborne primers like in automotive, general industry and packing coatings.

FILM PROPERTIES / CLEAR COAT

WB-Acryl/MF 985 = 80/20 (s/s): pendulum hardness



STORAGE

At temperatures up to 25 °C storage stability of Maprenal MF 985/80B 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.

World Area

Customer Order

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