

Provisional technical Datasheet

Former Maprenal Koe 4437/80B

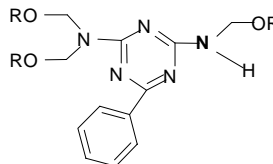
TYPE

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 DIN EN ISO 3219-B

(23 °C) [mPa.s] 600 - 1500

Non-Volatile Matter DIN EN ISO 3251

(1 h; 120 °C; 2 g; 1B) [%] 78 - 82

Not continually determined:

Iodine Colour Number DIN 6162

< 1

Density (Liquids) DIN 12791 part 1+3

approx. (20 °C) [g/ml] 1,14

Flash Point (Pensky-Martens) DIN EN 22719

analogue DIN EN 22719 approx. [°C] 34

Formaldehyde Content (Sulfite) DIN EN ISO 11402

approx. [%] < 1

degree of polymerisation, DP

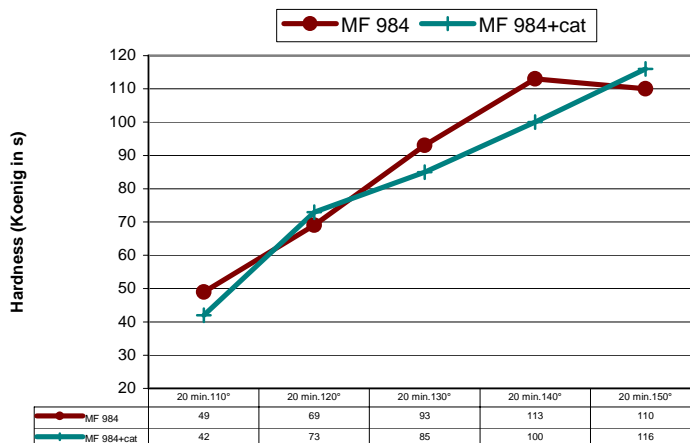
(GPC/PSI) 1.2

USES

- Maprenal MF 984 is fully soluble in polar solvents like alcohols, ester and ketons and partially soluble in hydrocarbons like solvent naphta.
- Maprenal MF 984 is a reactive , methylated Benzoguanamine resins, which provides in combination with suitable Polyesters glossy, hard, highly flexible and water resistant films with good adhesion to various substrates.
- Maprenal MF 984 shows a good cure response in combination with a high formulation stability in solvent and waterborne (with cosolvent) baking enamels without and with sulfonic acid type of catalysts.


FILM PROPERTIES / CLEAR COAT

Waterborne clear coat: Acrylic/Maprenal MF 984 = 80/20 (s/s)



STORAGE

At temperatures up to 25°C storage stability of Maprenal Koe4437/80B 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.

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