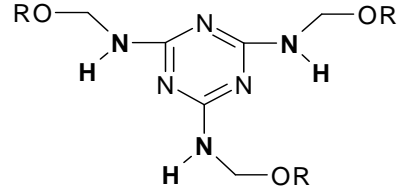


CHARACTERISTICS

Imino type, very highly reactive, methylated melamine-formaldehyde resin

STRUCTURE



FORM OF DELIVERY

75 % in water (75WA)

SPECIFICATION

Determined per batch

Properties

Dynamic Viscosity DIN 53177

Cone & Plate (23°C) [mPa.s] 500-900

Non-Volatile Matter DIN EN ISO 3251

(1 h; 120 °C; 2 g) [%] 73-77

Not continually determined

Iodine Colour Number DIN 6162

< 1

Density (Liquids)

approx at 20°C [g/ml] 1,24

Flash Point (Pensky-Martens)

DIN EN 22719 (analog) [°C] >100

Formaldehyde Content (Sulfite)

DIN EN ISO 11402 [%] < 0.75

Molecular weight distribution

(M_w/M_n) (GPC/PSI) 1,10

USES:

Maprenal MF 920/75WA is a fully watersoluble, very highly reactive N-H type of MF resin, which can be used for the formulation of waterborne coatings, which are baked in between 110-160°C when 20-30 parts solids of the MF 920 are used and the turnover is high..

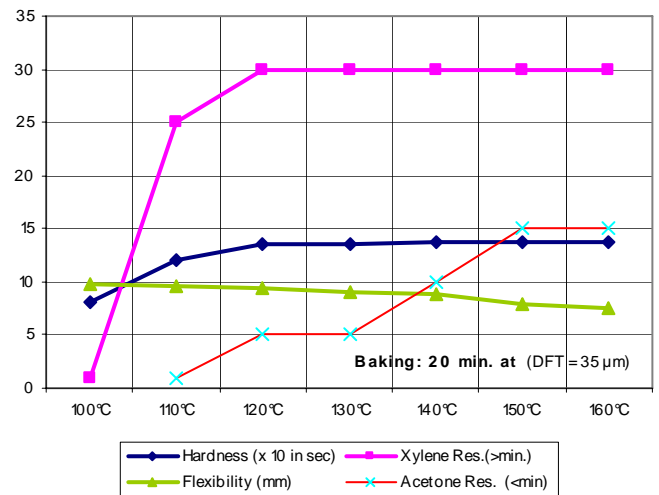
Comparison:

Reactivity: AQ 7551 > MF 920 >= AQ 2609

Formulation stability: AQ 7551 < MF 920 < AQ 2609

FILM PROPERTIES / CLEAR COAT

Maprenal MF 920 (Clear coat: PU/MF = 70/30)



STORAGE STABILITY:

At temperatures up to 25 °C storage stability of Maprenal MF 920 packed in original containers amounts to at least 6 months from the date of production. Some turbidity may occur in isolated cases but this has no effect on product quality.



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	South America		+1 413 730 3814	+1 413 730 2499
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