

Technical Datasheet

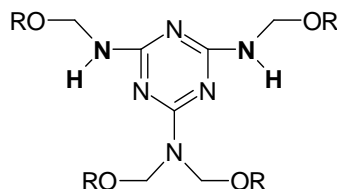
TYPE

Iminotype, highly reactive, isobutylated melamine-formaldehyde resin

FORM OF DELIVERY (f.o.d.)

55 % in isobutanol (55IB)

STRUCTURE



PRODUCT DATA

Determined per batch:

Viscosity EN ISO 3219-B

(23 °C) [mPa.s] 300 - 500

Non-Volatile Matter DIN EN ISO 3251

non-volatile matter [%] 54 - 56
analogue DIN EN ISO 3251
(1 h; 120 °C; 2 g; IB)

Compatibility (aliph. hydrocarbon) DIN EN ISO 11908

dilutability (n-Heptan) [ml/g] 5 - 15
(23 °C)

Not continually determined:

Iodine Colour Number DIN 6162

iodine colour number < 1

Density (Liquids) DIN 12791 part 1+3

density [g/ml] 0,96
approx.
(20 °C)

Flash Point (Pensky-Martens) DIN EN 22719

flash point [°C] 31
analogue DIN EN 22719
approx.

Formaldehyde Content (Sulfite) DIN EN ISO 11402

content [%] 0,7
approx.

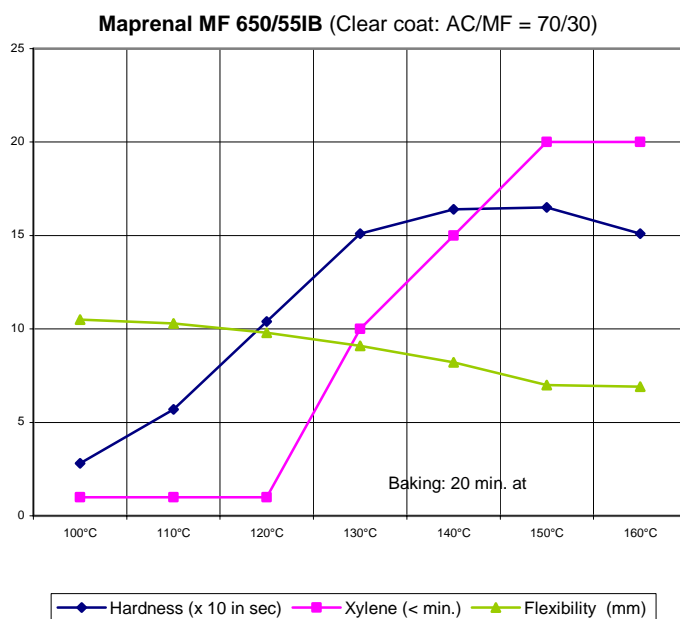
Degree of polymerisation, DP

(GPC/PSI) 1.9

USES






Especially for automotive (CAB) base and top coats. Due to high compatibility to medium and long oil alkyds for vehicle refinishing, drum-, mirror coatings and printings.

FILM PROPERTIES / CLEAR COAT



STORAGE

At temperatures up to 25 °C storage stability of Maprenal MF 650/55IB 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 | Technical Support |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------------------------------------------------------------------|-----------------------|--------------------------|
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