

Technical Data Sheet

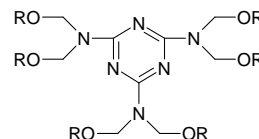
CHARACTERISTICS

Hexamethoxymethylmelamine formaldehyde resin modified with styrene allyl alcohol copolymer

FORM OF DELIVERY

92% in Ethanol

STRUCTURE



SPECIFICATION

Determined per batch

Property

Viscosity DIN EN ISO3219-B

Gardner-Holdt 25°C
(435-1200-3)

V-Z

Non-Volatile Matter / Solids

Foil, 45min at 45°C
(435-1200-19)

[%] 90-94

Color, APHA

(435-1019)

100 max.

Haze, APHA

(435-1019)

10 max.

Density (Liquids)

DIN 12791 part1+3 at 25°C, approx.

[g/cm³]

1.161-1.185

(435-1200-30) at 25°C

LB./Gal.

9.4-9.7

Formaldehyde Content (Sulfite)

DIN EN ISO 9020, approx.

[%]

1.0 max

(435-1205)

0.2 max.

Not continually determined

Flash Point (Pensky Martens, closed up)

analog, DIN EN 22719

[°F]

86
(30°C)

USES :

Resimene 797 is a resinous polyol modified methylated melamine formaldehyde crosslinking resin. Compared to hexamethoxymethyl melamine (HMMM) type crosslinkers, Resimene 797 resin helps impart:

- improved low temperature catalyzed cure response
- better blocking and mar resistance
- increased hardness without loss in film flexibility
- improved corrosion and salt spray resistance









Resimene 797 is used in conventional solvent-borne and high solids coating systems. With the use of strong acid catalysts, such as p-TSA, cure schedules as low as 180°F (82°C) for ten minutes are possible. Among the applications where Resimene 797 is commercially employed are coil applied coatings, plastic coatings, container coatings, paper coatings, wood coatings, and general metal coatings.

STORAGE STABILITY:

At temperatures up to 25 °C the storage stability of Resimene 797 packed in original containers amounts to at least 24 months. Some turbidity may occur in isolated cases but this has no effect on product quality



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