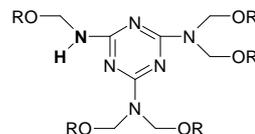


Technical Data Sheet

CHARACTERISTICS

Pentamethoxymethyl/n-butyl melamine formaldehyde resin

STRUCTURE



FORM OF DELIVERY

97% in n-Butanol

SPECIFICATION

Determined per batch

Property

Viscosity DIN EN ISO3219-B

Cone & Plate (23°C) [CPS] 2550-7650
(435-1061)

Gardner-Holdt 25°C Z - Z3
(435-1200-3)

Non-Volatile Matter/ Solids

Foil, 45min at 45°C [%] 97
(435-1200-19)

Solvent Tolerance (Iso-octane)

(435-1200-25-6) [ml/g] 3.0-5.5

Color, APHA

(435-1019) 30 max.

Haze, APHA

(435-1019) 5 max.

Density (Liquids)

(435-1200-30) at 25°C LB./Gal. 9.4-9.6

Formaldehyde Content (Sulfite)

(435-1205) [%] 0.15 max.

Not continually determined

Degree of polymerisation, DP

(GPC/PS I) 1.70

Flash Point (Pensky Martens)

analog, DIN EN 22719 [°F] 150
[°C] 65.6

USES :

Resimene 757 resin is a mixed ether (methylated/butylated = 75/25) resin, which results in improved flow, leveling and cratering resistance in coating formulations, plus better intercoat adhesion. At conventional cure temperatures, use of a strong acid catalyst is necessary. A blocked catalyst will enhance the stability of the coating formulation; nevertheless Resimene 757 raises the resistivity so that electrostatic application is possible. To minimize cure temperature, an unblocked strong acid catalyst is required. It should be added just prior to use to prevent pot life instability. Besides automotive high solid basecoats and clearcoats, Resimene 757 could be used in anodic electrodeposition coatings (incl. Ultrafiltration)

STORAGE STABILITY:

At temperatures up to 25°C the storage stability of Resimene 757 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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