POLAMIN 303

Hexamethoxymethylmelamine Resin (HMMM)

JAMSON POLYMER

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

POLAMIN 303 is a commercial grade of hexamethoxymethylmelamine that is a versatile crosslinking agent for a wide range of polymeric materials, both solvent and water borne. The polymeric materials should contain either hydroxyl, carboxyl or amide groups and would include alkyds, polyesters, acrylic, epoxy, urethane, and cellulosics. Its high monomer content and low tendency to self-condense results in films with high flexibility and formability when paired with inherently flexible polymers, such as polyester resins.

APPLICATION AREAS

Coil coatings , Can and container coatings, Automotive finishes, High solids finishes, General industrial finishes, Inks.

BENEFITS

Solvent-free, Wide compatibility and solubility, Excellent balance of hardness and flexibility, Fast catalyzed cure response, Excellent stability, Low free formaldehyde.

SPECIFICATIONS

Solvent	-	Solvent-free
Solid Content	% (1 g / 10 min. / 160°C)	93 ± 3
Viscosity	dPa.s @ 25°C	100 - 200
pH	-	6 - 8
Density	g/ml @ 25°C	1.18
Flash Point	°C	>90
Formaldehyde Content	% , Sulfite	0.8 max.
Colour	Gardner	≤ 2
Appearance	Visual	Clear to turbid viscous liquid

INSTRUCTIONS OF USE

POLESTER 110-SB60 / POLAMIN 303	Solid	77 / 23
Binder / Pigment	Solid	100 / 100
Binder / Catalyst	Solid	100 / 0.2
Thinner	Sol-100 / BG	80 / 20
Application Viscosity	Sec. @ 25°C, Cup#4	30 - 35
Curing Schedule	Sec. / °C	30 / 430

STORAGE

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 12 months.

PACKAGING

Metal drums , 200 kg net.

SAFETY

Contains formaldehyde. Harmful if inhaled. Irritating to eyes and skin.

The information and recommendations contained in this data sheet are based on our own tests and are believed to be reliable but are given without guarantee as to results. The customer is advised to make his own tests based on the information provided.

JAMSON POLYMER

N.1662 - West Hesabi - Eshtehard Industrial City - Alborz - Iran

Postal Code:3188114881 - Tel:+98 26 37773495 - www.jamsonpolymer.com