REWAT 600-BW40

Waterborne Urethane Modified Polyester Resin

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

REWAT 600-BW40 is a hydroxylated waterborne urethane modified polyester resin recommended in combination with watersoluble amino resins and blocked polyisocyanate resins in the formulation of waterborne baking enamels.

APPLICATION AREAS

In combination with hexamethoxy methylmelamine resin (HMMM) is recommended for low bake waterborne stoving enamels specific for automotive OEM primers and top coats.

BENEFITS

Very high film hardness in conjunction with high film elasticity, Very good gloss, Excellent adhesion to steel or CED primers, Very good stone chipping resistance, Excellent chemical resistance.

SPECIFICATIONS

Solvent	-	DI-Water / BG / IPA
Solid Content	% (1 g / 10 min. / 160°C)	40 ± 2
Viscosity	dPa.s @ 25°C	2 - 4
Acid Value	mg KOH/g - Solid	45 - 50
Hydroxyl Content	% - Solid	2.0
Hydroxyl Content	% - Delivery	0.8
pH	-	7 - 9
Density	g/ml @ 25°C	1.04
Flash Point	°C	100
Colour	Gardner	≤ 4
Appearance	Visual	Turbid viscous liquid

INSTRUCTIONS OF USE

REWAT 600-BW40 / POLAMIN 308-B85	Solid	75 / 25
Binder / Pigment	Solid	100 / 80
Thinner	BG / IPA / DI-Water	30 / 20 / 50
Application Viscosity	Sec. @ 25°C, Cup#4	20 - 25
pH	-	8 - 9
Curing Schedule	min. / °C	20 / 140

STORAGE

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 6 months.

PACKAGING

Plastic drums , 200 kg and 1000 kg net.

SAFETY

Contains solvents. Flammable. Harmful if inhaled. Irritating to eyes and skin.

2024-02-1 (replaces all previous versions)

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