TECHNICAL DATASHEET

Liquid Coating Resins and Additives

RESYDROL® AN 6617w/65MPP

TYPE

Water- dilutable Polyester, neutralized with amine

FORM OF DELIVERY (f.o.d.)

65% in Methoxypropoxypropanol (65 MPP)

Neutralization agent

1,6 % N,N- Dimethylethanol amine, as salt

OH value/solids (calculated):

approx. 150 mg/g KOH

PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219 dynamic viscosity (25 1/s; 23 °C)	[mPa.s]	3000 - 6000
pH-Value DIN ISO 976 pH-value (10 %)		7,2 - 8,0
Non-Volatile Matter DIN EN ISO 3251 non-volatile matter (1 h; 125 °C; 1 g)	[%]	63 - 67

Not continually determined:

Colour / Appearance VLN 250 colour appearance		yellow clear
Dynamic Viscosity DIN EN ISO 3219 dynamic viscosity diluted 1:1 with deionized water (100 1/s; 23 °C)	[mPa.s]	850 - 2000
Density (Liquids) DIN EN ISO 2811-2 density approx. (20 °C)	[g/cm³]	1,09
Flash Point (CCCFP) ASTM D 6450 flash point approx.	[°C]	83

SPECIAL PROPERTIES AND USE

Resydrol AN 6617w is a special water dilutable Polyester-resin Solution. Crosslinked with either Melamines or Polyisocyanates, Resydrol AN 6617w provides highly elastic and highly resistant coatings.

In combination with suitable Polyisocyanates Resydrol AN 6617w is especially recommended for low-solvent Soft-Feel-coatings. These coatings provide excellent adhesion to different plastic substrates like e.g. ABS, PC, ABS/PC or Polyamide. Accordingly Resydrol AN 6617w can be used as modifier resin to improve adhesion properties of e. g. waterborne acrylic resins. Usually compatibility with Acrylic resins is good.

IMPORTANT:
Viscosity of Resydrol AN 6617w and coatings produced thereof is strongly increased by adding amines (= higher pH-value). Due to that a 20 % solution of Dimethylethanol amine should be used for pH-value adjustment.

STORAGE

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 365 days.

4.0/15.12.2016 (replaces 3.0/10.03.2015)