



POLYURETHANE DISPERSION – SM 1402

DESCRIPTION:

Polyurethane Resin SM 1402 is a non-reactive, chemically inert and non-toxic Chlorinated polyester urethane polymer.

SPECIFICATION:

Appearance	Clear Liquid
% Solid	25 (±) 2%
Specific Gravity	1.0 (+/-) 0.1
Flash Point	-4 degC
Acid Value	< 2
Color Gardner	1 max.

TYPICAL VALUE:

Free Isocyanate	Zero
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SOLVENT COMPOSITION:

Resin	25 ± 2%
Ethyl Acetate / Ethanol	10 ± 2%
Toluene	65 ± 2%

COMPATIBILITY:

Readily compatible with Chlorinated Vinyl's

The leaflet provides information based on experience and lab experiments, but values may vary in practical use. Customers should ensure product suitability and not base legal claims on the leaflet.



SOLUBILITY:

Aromatic Hydrocarbons are the true solvent. Blend of ketones, esters & aromatic hydrocarbons can be used.

APPLICATIONS:

For making solvent base inks for gravure process and for PP extrusion lamination. Inks can be used only on BOPP film can be made to achieve excellent solvent release, Extrusion lamination strength, adhesion and running properties.

STORAGE:

PU Resin SM 1402 should be stored in its sealed original packing at temperature between 25 – 40 degC. Under this condition, the product will remain stable for about six months.

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