



POLYURETHANE DISPERSION – SM 1357

DESCRIPTION:

Polyurethane Resin SM 1357 is a non-reactive thermoplastic, chemically inert, TDI Free and non-toxic polyether urethane polymer.

SPECIFICATION:

Appearance	Clear Liquid
% Solid	70 (+/-) 2
Specific Gravity	1.0 (+/-) 0.1
Flash Point	-4 degC
Acid Value	< 2
Color Gardner	1 max.

TYPICAL VALUE:

Free Isocyanate	Zero
NCO value (% max)	0.05

SOLVENT COMPOSITION:

Resin	70 (+/-) 2 %
Ethyl Acetate / Ethanol	30 (+/-) 2%

COMPATIBILITY:

Readily compatible with N.C., Vinyl's, Maleic & Ketonic Resins.

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:

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

APPLICATIONS:

For use along with Nitrocellulose in gravure/flexo common inks for both polyester and BOPP film to achieve excellent lamination strength, adhesion and running properties.

Suitable for Deep Freeze application also.

STORAGE:

PU Resin SM 1357 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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