



POLYURETHANE DISPERSION – SM 1356

DESCRIPTION:

Polyurethane Resin SM 1356 is a non-reactive thermoplastic, chemically inert and non-toxic polyether urethane polymer.

SPECIFICATION:

Appearance	Clear Liquid
% Solid	75 (+/-) 3
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	75 (+/-) 3 %
Ethyl Acetate / Ethanol	25 (+/-) 3%

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.

STORAGE:

PU Resin SM 1356 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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