



POLYURETHANE DISPERSION – SM 2005

DESCRIPTION:

Polyurethane Resin SM-2005 is a film forming non-reactive thermoplastic, chemically inert and non-toxic urethane polymer.

SPECIFICATION:

Appearance	Clear Liquid
% Solid	55 ± 2%
Specific Gravity	1.0 (+/-) 0.1
Flash Point	-4 degC
Acid Value	< 2
Color Gardner	1 max.

TYPICAL VALUE:

Free Isocyanate	Zero
-----------------	------

SOLVENT COMPOSITION:

Resin	55
Ethyl Acetate	20
Ethanol	25

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/Alcohols are the true solvent. Blend of ketones, esters & aromatic hydrocarbons can also be used.

APPLICATIONS:

For making solvent base inks for gravure/flexo process. Common inks for both PET and BOPP film can be made to achieve excellent lamination strength, adhesion and running properties.

STORAGE:

PU Resin SM-2005 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.

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.