



POLYURETHANE DISPERSION – SM 2010

DESCRIPTION:

Polyurethane Resin SM 2010 is a non-reactive, chemically inert and non-toxic polyester film forming urethane polymer.

SPECIFICATION:

| | |
|------------------|--------------------------|
| Appearance | Clear/Slight Hazy Liquid |
| % Solid | 70 ± 2 |
| Specific Gravity | 1.0 (+/-) 0.1 |
| Flash Point | -4 degC |
| Acid Value | < 1 |

SOLVENT COMPOSITION:

| | |
|---------|---------|
| Resin | 70% ± 2 |
| Alcohol | 10% ± 2 |
| Ester | 20% ± 2 |

COMPATIBILITY:

Readily compatible with N.C., Vinyl's, PVB, 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, alcohols, esters & aromatic hydrocarbons can be used. Only Ethyl Acetate can also be used as reducer during printing. Also, Ethanol can be used as reducer for printing.

APPLICATIONS:

For manufacturing solvent-based gravure/flexo common inks of unique type, for both polyester and BOPP film to achieve excellent lamination strength including PE Extrusion Lamination, adhesion and running properties.

STORAGE:

PU-Resin SM 2010 should be stored in its sealed original packing at temperature between 25 – 40degC. Under this condition, the product will remain stable for about six months.

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