



POLYURETHANE DISPERSION – SM 346

DESCRIPTION:

Polyurethane Dispersion SM 346 is an Aliphatic Urethane Polymer in Water / IPA. It has Excellent durability and displays good UV resistance. SM 346 to be used to formulate highly flexible coating systems especially for coating of plastics. Such system exhibits very good adhesive properties.

SPECIFICATION:

| | |
|-------------------|-------------------------|
| Appearance | Translucent Liquid |
| % Solid | 28 - 32 |
| Specific Gravity | 0.98- 1.05 |
| PH | 7 Max. |
| Viscosity@30 deg. | 20 ± 5 Sec. By FcB4 cup |

SOLVENT COMPOSITION:

| | |
|-------|----|
| Water | 85 |
| IPA | 15 |

FILM PROPERTIES:

High clarity, Hard and flexible, Excellent water and alkali resistance, Good alcohol resistance.

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.



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APPLICATIONS:

For many applications, blends of SM 346 Urethane Dispersion with water-borne acrylics have been found useful. SM 346 used in stronger adhesion to wood and certain plastics, as well as improved inter-coat adhesion. SM 346 can be used to formulate coating for all type of substrates like metals, plastics & wood.

STORAGE:

Polyurethane Dispersion SM 346 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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