



TECHNICAL DATA SHEET

Setalux 17-3812

A hydroxyl functional thermoset acrylic resin

General description:

Setalux 17-3812 is a thermoset acrylic resin designed to coat extruded aluminum substrates. Setalux 17-3812 has an excellent balance of hardness and flexibility.

Technical features:

1. Excellent flexibility and impact resistance
2. Very good adhesion of metal substrates
3. Exterior durability and color retention

Suggested uses:

1. Aluminum coatings
2. Roller coatings
3. Coil-type aluminum finishes
4. Metal lighting fixtures

Delivery form: 65% n.v. in n-butyl acetate/ pm acetate/ xylene (66 / 17 / 17 pbw)

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	65 ± 1.0	%	1 – 1
Viscosity (77°F)	Z1 - Z3	Gardner – Holdt	2 – 1
Acid value (on n.v.)	9.5 - 11.5	mg KOH/g	5 – 1
Color	2 maximum	Gardner	3 – 1
Appearance	clean, clear and free from extraneous matter		7 – 1

*SDM: Nuplex Resins methods of determination (available on request)

Reduced viscosity: S+ - U+ @ 55% in n-butyl acetate
Density: 8.55 ± 0.10 lbs./ gal.
Flash Point: 80°F Setafash
Non-volatiles, by vol.: 59.8%

HEW on solids: 1800

On DSL Inventory

Updated: January, 2007

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