



LUMIFLON LF810Y

FEVE Solventborne Resin

PRODUCT DESCRIPTION

LUMIFLON® LF810Y is a solventborne fluoroethylene vinyl ether resin designed for weather-resistant coatings. LUMIFLON LF810Y has a high molecular weight for use in high performance, 1K formulations. Coatings based on LF810Y exhibit high gloss and excellent durability. LF810Y is a general purpose resin, used in architectural air dry and light duty industrial applications.

CHARACTERISTICS

- Outstanding weathering, chemical resistance, and water resistance
- Cures under ambient conditions for field applications
- Applications include architectural and light duty industrial, including 1K touch up paint

TYPICAL PROPERTIES

Property	LUMIFLON LF810Y
Appearance	Clear Liquid
Weight Solids, %	45
Carrier Solvent	Xylene
Hydroxyl Value, mgKOH/g polymer	11
Specific Gravity, 25°C	1.04
Viscosity, cP at 25°C	900
Glass Transition Temperature, °C	45

STARTING POINT FORMULATIONS

2K White Pigmented Topcoat with LUMIFLON LF810Y

Cure Conditions: 1 week at 23°C
Substrate: Chromated Aluminum Panels, 8mm

PART A: PIGMENT PASTE

Trade Name	Type	Parts by Weight
LUMIFLON LF810Y	Resin	7.8
Xylene	Solvent	1.1
Byk® 180 (Byk)	Dispersant	0.3
Ti-Pure™ R-960 (Chemours)	Pigment	18.8
Total		28.0

PART A: LET DOWN

Pigment Paste	Paste	28.0
LUMIFLON LF810Y	Resin	61.0
Xylene	Solvent	11.0
Total		100.0

Property	Result
Solids Content, wt%	50.1
Volume Solids, %	30.0
Weight/Gallon, lb/gal	9.35
PVC	18.0
VOC, g/L	559.7

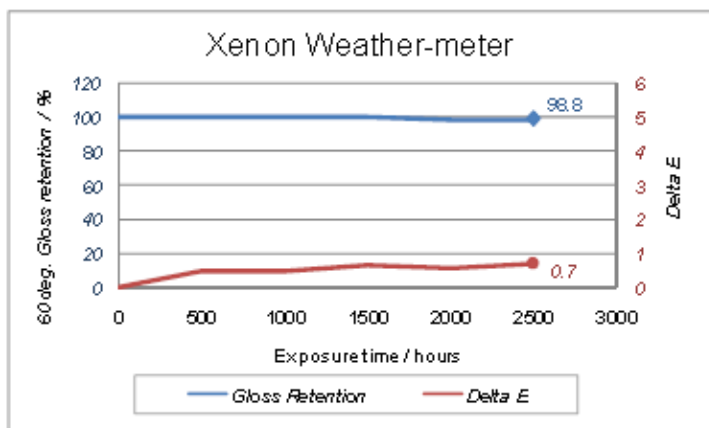
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WEATHERING DATA



STORAGE AND HANDLING

Keep away from sunlight and rain. Floor surface of storage place should be made of non-permeable materials to the ground such as concrete. Store in a cool, dry, well-ventilated location.

Wear appropriate safety glasses and gloves to avoid contact with eyes and skins. Hands should be washed thoroughly after handling. Suitable ventilation should be used during application.

PACKAGING

18kg pail
200kg drum

For more information and samples contact

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