GENGLAZE® EC-610

PRODUCT DESCRIPTION

GenGlaze® EC-610 a liquid, heat activated conductive in-mold coating, is designed to enhance the surface of reinforced plastics, automotive, truck FRP body panels, or any molded part. GenGlaze In-Mold Coatings provide a smooth, protected, sealed surface that meets or exceeds most OEM coating specifications. They can be readily painted with standard automotive finishes using conventional or electrostatic equipment

TECHNICAL DATA

VISCOSITY:	4,500 – 8,200 cps @ 86ºF (30º C)
WEIGHT PER GALLON/LITER:	10.5 lbs/gallon (1.258 kg/liter)
EFFECTIVE WEIGHT SOLIDS:	100%
EFFECTIVE VOC'S:	0%
SHELF LIFE:	6 months @ 77ºF (25ºC)
COVERAGE:	@ 3.0 mils, 535 ft²/gal, 51ft²/lb. @ 76 µm (micron), 13.1 m²/liter, 10.4 m²/kg
RECOMMENDED CATALYST:	100 % TBPB (t-butylPeroxybenzoate)
POT LIFE:	14 Days @ 77ºF (25ºC)
RECOMMENDED FILM THICKNESS:	0.5 to 5.0 mils 12.7 to 127 µm (micron)
FLASH POINT:	86°-96ºF (30°-35.6ºC)

TYPICAL CURED PERFORMANCE PROPERTIES:

ADHESION TO SUBSTRATE:	Excellent when properly applied and cured
CONDUCTIVITY:	>165 Ransburg units <1 megohms
GRAVELOMETER:	SAE J400 = 5B GM = 8
PENCIL HARDNESS:	F-H
COLOR/APPEARANCE:	Smooth, black, glossy

CATALYST ADDITION:

TBPB at 1.0 to 2.0 weight %, level may be adjusted (within limits) to adjust cure time

SMC APPLICATION DATA:

Mold Temperature:	265° to 320ºF (130° to 160ºC)
Mold Pressure:	250 to 1200 psi (17 to 83 bar)

CURE SCHEDULE:

35 seconds @ 300ºF
(150ºC), 1.5 weight % TBPB

SUBSTRATE RECOMMENDATIONS:

Compression and Injection Molded FRPS
SMC, LPMC, BMC, SRIM, RTM, LPLTMC

RECOMMENDED APPLICATIONS:

Hoods	Quarter Panels
Doors	Hatches/Cover Panels
Decklids	Grill Opening Panels
Liftgates	Aero Packages
Spoilers	Headlamp Covers
Roofs	Boat Decks & Hulls
Fenders	Marine Engine Covers

NOTE:
Not Actual Product Specifications

STORAGE: In cool, dry area @ 77ºF (25ºC) or below

Please review our cautionary information guide

NOTE:
Although data supplied above are believed to be accurate, each user is advised to make his or her own determination as to whether the described product(s) is/are appropriate for a particular use or application, whether such a use will comply with all applicable laws or regulations, or whether such a use will not infringe the intellectual property rights of third parties.

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