

GENGLAZE[®] EC-2447

PRODUCT DESCRIPTION

GenGlaze[®] EC-2447 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:	3000-6000 cps @ 86°F (30°C) (#7, 100 rpm)
Weight Per Gallon (Liter):	10.4 lb/gallon (1.2 kg/liter)
EFFECTIVE WEIGHT SOLIDS:	100%
EFFECTIVE VOC'S:	0%
SHELF LIFE:	6 months @ 77°F (25°C)
COVERAGE:	@ 3.0 mils, 535 ft ² /gal, 52.5 ft ² /lb. @ 76 µm, 13.1 m ² /liter, 10.74 m ² /kg
RECOMMENDED CATALYST:	100% TBPB (t-butylPeroxybenzoate)
POT LIFE:	14 Days @ 77°F (25°C)
RECOMMENDED FILM THICKNESS:	0.5 to 5.0 mils 12.7 to 127 µm
FLASH POINT:	93°F (34°C)
<u>TYPICAL CURED PERFORMANCE PROPERTIES:</u>	
ADHESION TO SUBSTRATE:	Excellent when properly applied and cured
CONDUCTIVITY:	>140 Ransburg units <1 megaohms
GRAVELOMETER:	SAE J400 = 5B GM = 8
PENCIL HARDNESS:	H
COLOR/APPEARANCE:	Smooth, black, glossy

NOTE:

Although the data supplied above is believed to be accurate, each user is advised to make an independent determination as to whether the described product(s) is/are appropriate for a particular use or application, whether such use will comply with all applicable laws or regulations, or whether such use will infringe the intellectual property rights of third parties. Customer is solely responsible for determining whether such recommendations are feasible or appropriate for customer's operations.

CATALYST ADDITION:

TBPB at 0.8 to 1.5 weight %, level may be adjusted (within limits) to adjust cure time

SMC APPLICATION DATA:

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

CURE SCHEDULE:

45 seconds @ 300°F
(150°C), 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 @ 77°F
(25°C) or below

Please review our cautionary information guide

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