

GENGLAZE® 50 GRAY

PRODUCT DESCRIPTION

GenGlaze® 50 Gray a liquid, heat activated 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: 2,000 – 6,000 cps @ 86°F (30° C)

WEIGHT PER GALLON/LITER: 10.8 lbs/gallon (1.294 kg/liter)

EFFECTIVE WEIGHT SOLIDS: 100%

EFFECTIVE VOC'S: 0%

SHELF LIFE: 6 months @ 77°F (25°C)

COVERAGE: @ 3.0 mils, 535 ft²/gal, 49.5ft²/lb.
@ 76 µm (micron), 13.1 m²/liter, 10.4 m²/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 (micron)

FLASH POINT: 86°-96°F (30°-35.6°C)

TYPICAL CURED PERFORMANCE PROPERTIES:

ADHESION TO SUBSTRATE: Excellent when properly applied and cured

CONDUCTIVITY: None

GRAVELOMETER: SAE J400 = 5B
GM = 8

PENCIL HARDNESS: F-H

COLOR/APPEARANCE: Smooth, light gray, 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 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

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.

