



TECHNICAL DATA SHEET

G-Cure® 109O60

An acrylic polyol (17-0109)

General description:

G-Cure 109O60 acrylic resin is a hydroxyl functional acrylic copolymer in parachlorobenzotrifluoride (PCBTF) designed to produce low VOC, non-HAP's high performance polyurethane coatings. At room temperature, G-Cure 109O60 will readily crosslink with aliphatic polyisocyanates to produce coatings that exhibit excellent chemical and weathering resistance.

Technical features:

1. Excellent chemical and weathering resistance
2. non-HAPs; low VOC coatings

Suggested uses:

1. Heavy-duty maintenance and marinel coatings
2. Automotive refinish

Delivery form: 60.0% non-volatile in PCBTF

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	60.0 ± 2.0	%	1 – 1
Viscosity, Brookfield (77°F)	5000 – 9000	cps	2 – 2
Hydroxyl value (on n.v.)	123 – 143		6 – 1
Color	200 maximum	APHA	3 – 2
Appearance	clean, clear and free from extraneous matter; may turn opaque when stored below 30°F: if this occurs, warm above 40°F until clear		7 – 1

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

HEW on n.v.: 420
Density: 10.0 ± 0.10lbs./gal. Non-volatiles, by vol.: 64.3%
Flash point: 109 °F Setaflash

On DSL Inventory

Recommended Reaction Ratios: 700 gm G-Cure 109O60/ 191 gm Tolonate HDT(Rhodia)
700 gm G-Cure 109O60/ 194 gm Desmodur N-3300 (Bayer)

Updated: June, 2008

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