

Glyptal Inc.

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PRODUCT DATA SHEET 86009

DESCRIPTION

GLYPTAL 86009 ALUMINUM SILICONE BAKING ENAMEL is a ready-mixed aluminum pigmented silicone resin product designed for high-temperature applications. It provides a durable protective coating on metal surfaces subjected to temperatures of 400-1200 °F. 86009 is suggested as a finish for ovens, jet engines, or other metal surfaces needing protection during or after high-temperature exposure. Optimum results are obtained by applying multiple thin (0.2-0.5 mil) coats.

WET SAMPLE

| | |
|-------------------|--------------------------|
| % Vol. Solids | 36.7 |
| % Wt. Solids | 53.2 |
| Coverage | 589 ft ² /gal |
| Flashpoint, cc/pm | 81 °F |
| Weight | 8.4 lb/gal |

APPLICATION

| | |
|--------------------|--------------------|
| Substrate | Phosphatized Steel |
| Method | Spray |
| Reduction | Use as supplied |
| Clean-up Solvent | Xylene |
| Dry Film Thickness | 0.2-0.5 mils |

CURE

| | |
|------------------|--------|
| Bake Time | 60 min |
| Bake Temperature | 200 °C |

DRY FILM PROPERTIES

| | |
|-----------------------|------------|
| Color | Aluminum |
| Gloss, 60° | |
| Pencil Hardness | 2H-3H |
| Flexibility | Excellent |
| Impact Resistance | |
| Direct | 60 in. lb. |
| Indirect | 60 in. lb. |
| Adhesion, Cross Hatch | Excellent |

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