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Product Data Sheet

General Description

PRODUCT CODE: P5ST13
PRODUCT NAME: CHEMELEON
CHEMISTRY: POLYESTER
SURFACE FINISH: SMOOTH

Application Recommendation

Surface preparation: All oil and grease, scale and rust, must be removed.
Pretreatment: Iron or Zinc phosphate is recommended for optimum performance.
Cure Schedule: 10 min. at 400 Deg. F or 10 min. at 375 Deg. F, metal temperature
Film thickness: 2-4 mils.
Weatherability: Excellent outdoor durability.
Advantages: Outstanding physical properties and overbake resistance
Excellent application efficiency and re-coat ability.

Shelf life is expected to be at least one year from date of shipment when stored in dry conditions at less than 80 Deg. F.(27 Deg. C.)

Typical Performance Characteristics

Specific Gravity	Calculated	1.58
Coverage	Calculated	122 square foot/lb./mil
Particle Size	ASTM D3451	0-10% over 200 Mesh
	Alpine Jet Sieve	40-45% over 400 Mesh
Gloss 60 Degree	ASTM D 523	55+/-5 units
Impact Resistance	ASTM D 2794	160 in.lbs.Direct/160 in.lbs. Reverse
Flexibility	ASTM D 522	Pass 1/8" Mandrel
Pencil Hardness	ASTM D 3363	H-2H
Adhesion	ASTM D 3359	5B- Method B
Salt Spray Resistance	ASTM B 117	1000+ hours
Humidity Resistance	ASTM D 2247	1000+ hours

- Testing performed on Bonderite B1000 panels.

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