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## Product Data Sheet

### General Description

PRODUCT CODE: P9SY6  
PRODUCT NAME: RAL 1018 ZINC YELLOW  
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 15 min. at 375 Deg. F  
Film thickness: 3-5 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	1.56
Coverage	Calculated	123 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	90+/-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	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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