Product Data Sheet

General Description

PRODUCT CODE: P0SC3
PRODUCT NAME: FLAT CLEAR
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, metal temperature.
Film thickness: 2-3 mils.
Weatherability: Good for outdoor applications.
Designed for electrostatic application. For use in wide variety of general metal applications.
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 1.20
Coverage Calculated 160 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 5+/-2 units
Impact Resistance ASTM D 2794 80 in.lbs.Direct/160 in.lbs. Reverse
Flexibility ASTM D 522 Pass 1/8” Mandrel
Pencil Hardness ASTM D 3363 2H-3H
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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