

CORVEL™ ECA-1660 GREEN 10-6051

Description

CORVEL ECA-1660 Green 3363 10-6051 is a melt-mixed, 100% solids modified epoxy thermoset I.D. pipe coating powder designed for use at elevated temperatures and pressures in drill pipe, production tubing, valves and fittings. It is a tough, flexible coating which will resist damage and cracking during handling and coupling operations. When applied over CORVEL EP-10 primer 1P-0010, 10-6051 is also resistant to H₂S, CO₂, CH₄ and petroleum distillates.

Application and Storage Conditions

- All oil and grease, as well as scale and rust, must be removed.
- Iron or zinc phosphate pretreatment is recommended for optimum performance.
- Designed for application by fluidized bed, hot flock or electrostatic/hot spray.
 - Preheat: 20 minutes @ 320°F
 - Dip/Spray Cycle: As required (seconds)
 - Postheat: 30 minutes @ 425°F
 - Film thickness: 8.0-12.0 mils
- Shelf life is expected to be at least twelve months from date of shipment when stored in dry conditions at less than 70°F (21.1°C).

Typical Performance Characteristics

Property	Test Method	Results
Specific Gravity	Calculated	1.71
Coverage	Calculated	112 ft. ² /lb./mil
Particle Size (Alpine Jet Sieve)	ASTM D 3451 (% retained)	+70 Mesh: 3% max +140 Mesh: 15-30% +325 Mesh: 50-65%
Impact Resistance (Direct)	ASTM D 2794 (5/8" indenter)	100 in.lbs.
Flexibility (4 point bend @ 75°F (23.9°C))		3°/PD
Edge Coverage, Method B Preheat: 15 minutes @ 320°F Dip Cycle: Dip 2 seconds Postheat: 15 minutes @ 425°F	RHPTM 10	30% @ 8.0-15.0 mils
Salt Spray Resistance ("x" scribe - 1/8" undercut)	ASTM B 117	1700+ hours

*Testing was performed on Bonderite™ 1000 Parcolene™ 60 panels

Important: Warranty and Disclaimer — The performance characteristics of these products vary according to product application, operating conditions, materials applied to or with and use. Since these factors can affect results, we strongly recommend that you make your own test to determine to your satisfaction whether the product is of acceptable quality has not been affected by storage or transportation and is suitable for your particular purpose under Your own operating conditions prior to using any product in full scale production. Seller warrants the products to be free from defects in materials and workmanship. Such warranty is exclusive and is in lieu of any other warranty, express or implied, including but not limited to any implied warranty of merchantability of fitness for a particular purpose. No representative of ours has authority to waive or change this provision, which applies to all sales of these products.