

POWERCRON® 6100HE

HIGHLIGHTS

POWERCRON 6100HE is PPG's sixth generation high edge cationic epoxy technology.

Compared to earlier generation high edge cationic epoxies, POWERCRON 6100HE features include:

- High edge coverage
- Excellent corrosion resistance
- Heavy metal free
 - Lead-free film
 - Lead-free effluent
- Low VOC
- Non-HAPs

TECHNICAL PROPERTIES

Property	Test Method	Performance
Color	---	Various
Film Thickness	---	0.4 - 1.2 Mils
Gloss - 60 Degree	ASTM D523	55 - 75%
Pencil Hardness	ASTM D3363	2H Minimum
Crosshatch Adhesion	ASTM D3359	4B - 5B
Direct Impact	ASTM D2794	100 in-lb Minimum
Reverse Impact	ASTM D2794	60 in-lb Minimum
Humidity	ASTM D1735	1000 Hours Minimum
Water Soak	ASTM D870	250 Hours Minimum
Gravelometer	GM9508P	6 Minimum
Rust Spot	GM9632P	< 5 (Avg.)
Throwpower	GM9535P	12 - 15 inches

**Cold Rolled Steel Lab Panels, Zinc Phosphate Pretreatment.
0.8 mils Average Film Thickness, Cured 20 Minutes @ 350°F**

Property	Substrate / Pretreatment	Salt Spray* 1000 Hours
Corrosion Resistance	CRS/Zinc Phos/Non-Chrome	1 - 3 mm

**(Average Total Scribe Creep), * Salt Spray - ASTM B117
0.8 mils Average Film Thickness, Cured 20 Minutes @ 350°F**

COMMERCIAL USES/APPROVAL

- Automotive Parts & Accessories
- Compressors
- Computer Parts
- Fasteners
- Generators
- Heavy Duty Trucks
- Marine Engines
- Switchgear
- Transformers

APPLICATION DATA

Standard Bake: 20 Minutes at 350°F Metal Temperature
VOC: < 0.7 lbs. per gallon minus water (as supplied)
HAPs: None
Heavy Metals: None