

Columbia Coatings

Technical Data Sheet

Columbia Coatings
12683 McIlwain Rd
Holladay, TN 38341
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Number:	I1740009
Name:	Cast Iron
Type:	TGIC

Specific Gravity	1.58 (\pm 0.05) g/cm ³
Storage Temp	< 80°F (27°C), 50% RH
Theoretical Coverage	61 ft ² /lb. @ 2 mils
Particle Distribution	+44 MICRONS (325 MESH) 28 - 34%

Powder Properties

Film Thickness	Recommended Film Thickness: 2 – 3 mils
Cure Schedule	Metal Temperature: 10 minutes @ 400°F (204°C)
Gloss Level	45% – 55% (ASTM D523)
Pencil Hardness	H – 2H (ASTM D3363)
Flexibility	1/8" (ASTM D522)
Adhesion	5B (ASTM D3359)
Direct Impact	120 in-lb. direct @ 2 mils (ASTM D2794)
Reverse Impact	100 in-lb. reverse @ 2 mils (ASTM D2794)
Salt Spray	1000 hrs. less than 1/16" in creepage over B-1000 treated test panels (ASTM B117)

Coating Properties