

Columbia Coatings

Technical Data Sheet

Columbia Coatings
12683 McIlwain Rd,
Holladay, TN 38341
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Number:	S5786023
Name:	Ruby Red
Type:	TGIC

Specific Gravity	1.53 ($\pm$ 0.05) g/cm ³
Storage Temp	< 80°F (27°C), 50% RH
Theoretical Coverage	51 ft ² /lb. @ 2.5 mils
Particle Distribution	+44 MICRONS (325 MESH) 35 - 45%

Powder Properties

Film Thickness	Recommended Film Thickness: 2.5–4.0 mils
Cure Schedule	Metal Temperature: 10 minutes @ 400°F (204°C)
Gloss Level	80% – 89% (ASTM D523)
Pencil Hardness	H – 2H (ASTM D3363)
Flexibility	1/8" (ASTM D522)
Adhesion	5B (ASTM D3359)
Direct Impact	120 in-lb. direct (ASTM D2794)
Reverse Impact	120 in-lb. reverse (ASTM D2794)
Salt Spray	1000 hrs. less than 1/16" in creepage over B-1000 treated test panels (ASTM B117)

Coating Properties