

Columbia Coatings

Technical Data Sheet

Columbia Coatings
 12683 McIlwain Rd
 Holladay, TN 38341
 931-388-7730
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Number:	RAL5005
Name:	RAL 5005 – Signal Blue
Type:	TGIC

Specific Gravity	Approx. 1.65 g/cm ³
Storage Temp	< 77°F (25°C)
Theoretical Coverage	116 sq. ft/lb. @ 1 mil
Particle Distribution	n/a

Powder Properties

Film Thickness	Recommended Film Thickness: 2–3 mils
Cure Schedule	Metal Temperature: 10 minutes at 400°F (204°C) -or- 10 minutes at 340°F (171°C)* 6 minutes at 360°F (182°C)* 3 minutes at 400°F (204°C)* *Low-Temp cure curve
Gloss Level	85-95% @ 60°
Pencil Hardness	2H (ASTM D3363)
Flexibility	1/8" (ASTM D522) (Conical Mandrel)
Adhesion	5B (ASTM D3359)
Direct Impact	160 in-lb. direct (ASTM D2794)
Reverse Impact	160 in-lb. direct (ASTM D2794)
Salt Spray	1000 Hrs. Pass <1/8" Scribe Creep - No Blisters (ASTM B117)

Coating Properties