

Columbia Coatings

Technical Data Sheet

Columbia Coatings
12683 McIlwain Rd
Holladay, TN 38341
931-388-7730
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Number:	RAL5000
Name:	RAL 5000 – Violet Blue
Type:	Polyester

Specific Gravity	Approx. 1.57 g/cm ³
Storage Temp	< 80°F (27°C)
Theoretical Coverage	123 sq. ft/lb. @ 1 mil
Particle Distribution	n/a

Powder Properties

Film Thickness	Recommended Film Thickness: 2 – 3 mils
Cure Schedule	Metal Temperature: 7 minutes at 400°F (204°C) or 10 minutes at 375°F (191°C) or 15 minutes at 350°F (177°C)
Gloss Level	85% ± 3% @ 60°
Pencil Hardness	H - 2H (ASTM D3363)
Flexibility	1/8" (ASTM D522)
Adhesion	5B (ASTM D3359)
Direct Impact	160 in-lb. direct (ASTM D2794)
Reverse Impact	160 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