

Columbia Coatings

Technical Data Sheet

Columbia Coatings
1173 Industrial Park Rd
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Number:	MC576022
Name:	Base White
Type:	TGIC

Powder Properties

Specific Gravity	1.63 (\pm 0.05) g/cm ³
Storage Temp	< 80°F (27°C) up to 1 year
Theoretical Coverage	59 sq. ft/lb. @ 2 mils
Particle Distribution	+44 MICRONS (325 MESH) 35% - 45%

Coating Properties

Film Thickness	Recommended Film Thickness: 2 – 4 mils
Cure Schedule	Metal Temperature: 10 minutes at 400°F (204°C) or 18 minutes at 375°F (191°C) or 25 minutes at 350°F (177°C)
Gloss Level	50 – 60% @ 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)

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