

Columbia Coatings

Technical Data Sheet

Columbia Coatings
12683 McIlwain Rd,
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Number:	S5700001
Name:	Matte Black Urethane
Type:	Urethane

Specific Gravity	1.65 +/- .05
Storage Temp	80°F (27°C) up to 1 year
Theoretical Coverage	78 sq./ft @ 1.5 mils
Particle Distribution	+44 MICRONS (325 MESH) 23 - 28%

Powder Properties

Film Thickness	Recommended film thickness 2.0 – 3.0 MILS
Cure Schedule	Metal Temperature: 18 minutes @ 375°F (191°C) 25 minutes @ 360°F (182°C)
Gloss Level	ASTM D523 3 - 4%
Pencil Hardness	ASTM D3363 H-2H
Flexibility	3/8" ASTM D522
Adhesion	5B
Direct Impact	80 in-lb. direct;
Reverse Impact	80 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