

Columbia Coatings

Technical Data Sheet

Columbia Coatings
12683 McIlwain Rd
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Number:	CS1790037
Name:	Astro-Black
Type:	TGIC

Powder Properties

Specific Gravity	1.36 ($\pm$ 0.05) g/cm ³
Storage Temp	< 80°F (27°C)
Theoretical Coverage	141.39 ft ² /lb. @ 1 mil
Particle Distribution	n/a

Coating Properties

Film Thickness	Recommended Film Thickness: 2 – 3 mils
Cure Schedule	Metal Temperature: 20 minutes @ 350°F (177°C) 15 minutes @ 375°F (191°C) 10 minutes @ 400°F (204°C)
Gloss Level	90+% @ 60°
Pencil Hardness	H (ASTM D3363)
Flexibility	1/8" (ASTM D522) (Conical Mandrel)
Adhesion	100% (ASTM D3359)
Direct Impact	40/40 or better (ASTM D2794)
Reverse Impact	40/40 or better (ASTM D2794)
Salt Spray	1/16" creep @ 500 hrs. (ASTM B117)

www.columbiacoatings.com