

Columbia Coatings

Technical Data Sheet

Columbia Coatings
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COLUMBIA
COATINGS

Number:	IM1622028
Name:	Polaris Matte Heavy Metal
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: 10 minutes @ 400°F (204°C)
Gloss Level	20-30% @ 60°
Pencil Hardness	H-2H (ASTM D3363)
Flexibility	1/8" (ASTM D522) (Conical Mandrel)
Adhesion	100% (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)

www.columbiacoatings.com