

Columbia Coatings

Technical Data Sheet

Columbia Coatings
1173 Industrial Park Rd
Columbia, TN 38401
931-388-7730
931-388-5573 FAX



COLUMBIA
COATINGS

Number:	X5500044
Name:	Black Iron
Type:	TGIC

Powder Properties

Specific Gravity	1.5 (+/- 0.05) g/cm ³
Storage Temp	< 80°F (27°C)
Theoretical Coverage	59 ft ² @ 2.2 mils
Particle Distribution	+44 microns (325 mesh) 30 – 40%

Coating Properties

Film Thickness	Recommended Film Thickness: 2.2–4.0 mils
Cure Schedule	Metal Temperature: 10 minutes @ 400°F (204°C) 18 minutes @ 375°F (191°C) 25 minutes @ 350°F (177°C)
Gloss Level	4 – 7% @ 60°
Pencil Hardness	H-2H (ASTM D3363)
Flexibility	1/8" (ASTM D522)
Adhesion	5B (ASMT D3359)
Direct Impact	160 in-lbs. @ 2.2 mils
Reverse Impact	160 in-lbs. @ 2.2 mils
Salt Spray	1000 hrs. (ASTM B117)

www.columbiacoatings.com