

Columbia Coatings

Technical Data Sheet

Columbia Coatings
12683 McIlwain Rd,
Holladay, TN 38341
931-388-7730
931-388-5573 FAX



Number:	X1450003
Name:	Black River
Type:	TGIC

Specific Gravity	1.62 (\pm 0.05) g/cm ³
Storage Temp	80°F (27°C) up to 1 year
Theoretical Coverage	40 sq./ft @ 2.5 mils
Particle Distribution	+44 MICRONS (325 MESH) 35 - 40%

Powder Properties

Film Thickness	Recommended Film Thickness: 3 – 5 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	30 – 45% (ASTM D523)
Pencil Hardness	H – 2H (ASTM D3363)
Flexibility	1/8" (ASTM D522)
Adhesion	5B (ASTM D3359)
Direct Impact	160 in-lb. direct @ 3 mils (ASTM D2794)
Reverse Impact	160 in-lb. reverse @ 3 mils (ASTM D2794)
Salt Spray	1000 hrs. less than 1/16" in creepage over B-1000 treated test panels (ASTM B117)

Coating Properties