

Columbia Coatings

Technical Data Sheet

Columbia Coatings
1173 Industrial Park Rd
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Number:	G5501005
Name:	Copper Pot Granite
Type:	TGIC

Powder Properties

Specific Gravity	1.60 (\pm 0.05) g/cm ³
Storage Temp	Less than 80°F (27°C) - 50% RH
Theoretical Coverage	80 sq./ft. @ 1.5 mils
Particle Distribution	+44 MICRONS (325 MESH) 50 – 60%

Coating Properties

Film Thickness	Recommended Film Thickness: 1.5–2.5 mils
Cure Schedule	Metal Temperature: 12 minutes @ 400°F (204°C) or 18 minutes @ 375°F (191°C) or 25 minutes @ 350°F (177°C)
Gloss Level	3 – 5% @ 60° (ASTM D523)
Pencil Hardness	H – 2H (ASTM D3363)
Flexibility	1/8" (ASTM D522)
Adhesion	5B (ASTM D3359)
Direct Impact	160 in/lb. @ 1.5 mils (ASTM D2794)
Reverse Impact	160 in/lb. @ 1.5 mils (ASTM D2794)
Salt Spray	n/a (ASTM B117)

www.columbiacoatings.com