

Columbia Coatings

Technical Data Sheet

Columbia Coatings
1173 Industrial Park Rd
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Number:	X1345093
Name:	Arctic Amethyst
Type:	TGIC

Powder Properties

Specific Gravity	1.63 ($\pm$ 0.05) g/cm ³
Storage Temp	< 80°F (27°C) up to 1 year
Theoretical Coverage	57.5 ft ² /lb. @ 2 mils
Particle Distribution	25 - 50 MICRONS AVERAGE

Coating Properties

Film Thickness	Recommended Film Thickness: 2.5–4.0 mils
Cure Schedule	Metal Temperature: 10 minutes @ 400°F (204°C)
Gloss Level	80% @ 60°
Pencil Hardness	2H (ASTM D3363)
Flexibility	100% (ASTM D522)
Adhesion	4B (ASTM D3359)
Direct Impact	60 in-lb. direct (ASTM D2794)
Reverse Impact	60 in-lb. reverse (ASTM D2794)
Salt Spray	1000 hrs. less than 1/16" in creepage over B-1000 treated test panels (ASTM B117)

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