

Columbia Coatings

Technical Data Sheet

Columbia Coatings
1173 Industrial Park Rd
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Number:	I740009
Name:	Cast Iron TGIC
Type:	TGIC

Powder Properties

Specific Gravity	1.58 +/- .05
Storage Temp	80°F (27°C) up to 1 yr
Theoretical Coverage	61 sq/ft @ 2.5 mils
Particle Distribution	+44 MICRONS (325 MESH) 28 - 34%

Coating Properties

Film Thickness	Recommended film thickness 2.0 – 3.0 MILS
Cure Schedule	10 MINUTES @ 400°F
Gloss Level	ASTM D523 25 - 45%
Pencil Hardness	ASTM D3363 H-2H
Flexibility	1/8" ASTM D522
Adhesion	5B
Direct Impact	120 in-lb direct;
Reverse Impact	100 in-lb reverse (ASTM D2794)
Salt Spray	1000 hrs less than 1/16" in creepage over B-1000 treated test panels (ASTM B117)

www.columbiacoatings.com