

Columbia Coatings

# Technical Data Sheet

Columbia Coatings  
12683 McIlwain Rd  
Holladay, TN 38341  
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<b>Number:</b>	I4702014
<b>Name:</b>	Anodized Aluminum
<b>Type:</b>	TGIC

<b>Specific Gravity</b>	1.59 ( $\pm$ 0.05) g/cm <sup>3</sup>
<b>Storage Temp</b>	< 80°F (27°C), 50% RH
<b>Theoretical Coverage</b>	61 ft <sup>2</sup> /lb. @ 2 mils
<b>Particle Distribution</b>	+44 MICRONS (325 MESH) 35 – 45%

## Powder Properties

<b>Film Thickness</b>	Recommended Film Thickness: 2 – 3 mils
<b>Cure Schedule</b>	Metal Temperature: 10 minutes @ 400°F (204°C)
<b>Gloss Level</b>	45 – 55% @ 60°
<b>Pencil Hardness</b>	2H minimum (ASTM D3363)
<b>Flexibility</b>	1/8" (ASTM D522) (Conical Mandrel)
<b>Adhesion</b>	5B (ASTM D3359)
<b>Direct Impact</b>	140 in/lb. @ 2 mils (ASTM D2794)
<b>Reverse Impact</b>	140 in/lb. @ 2 mils (ASTM D2794)
<b>Salt Spray</b>	1000 hrs. (ASTM B117)

## Coating Properties