

Columbia Coatings

# Technical Data Sheet

Columbia Coatings  
1173 Industrial Park Rd  
Columbia, TN 38401  
931-388-7730  
931-388-5573 FAX



<b>Number:</b>	F1798003
<b>Name:</b>	Fluorescent Yellow TGIC
<b>Type:</b>	TGIC

## Powder Properties

<b>Specific Gravity</b>	1.2 – 1.8 g/cm <sup>3</sup>
<b>Storage Temp</b>	6 months @ 77°F (25°C)
<b>Theoretical Coverage</b>	51.5 ft <sup>2</sup> /lb (11.1 m <sup>2</sup> /kg)
<b>Particle Distribution</b>	n/a

## Coating Properties

<b>Film Thickness</b>	3.5 – 4.5 mils
<b>Cure Schedule</b>	Metal Temperature: 8 min @ 400°F 15 min @ 375°F
<b>Gloss Level</b>	80 – 90% @ 60°
<b>Pencil Hardness</b>	2H minimum
<b>Flexibility</b>	1/8" Mandrel
<b>Adhesion</b>	5B
<b>Direct Impact</b>	80 in/lb
<b>Reverse Impact</b>	N/A
<b>Salt Spray</b>	1/32 in (1mm) @ 500 hours

[www.columbiacoatings.com](http://www.columbiacoatings.com)