

Columbia Coatings

# Technical Data Sheet

Columbia Coatings  
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**COLUMBIA**  
COATINGS

<b>Number:</b>	S5709012
<b>Name:</b>	Matte Clear Polyester
<b>Type:</b>	Polyester

## Powder Properties

<b>Specific Gravity</b>	1.20 +/- 0.05
<b>Storage Temp</b>	< 77°F (25°C)
<b>Theoretical Coverage</b>	161 ft <sup>2</sup> /lb. @ 1 mils
<b>Particle Distribution</b>	35 – 55 micron average

## Coating Properties

<b>Film Thickness</b>	2 – 3 mils (ASTM D523)
<b>Cure Schedule</b>	Metal Temperature: 10 minutes @ 400°F (204°C)
<b>Gloss Level</b>	0-5 @ 60°
<b>Pencil Hardness</b>	H – 2H
<b>Flexibility</b>	1/8" Mandrel
<b>Adhesion</b>	100%
<b>Direct Impact</b>	20 lb./in
<b>Reverse Impact</b>	20 lb./in
<b>Salt Spray</b>	1000 Hrs. (ASTM B117)

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