

Columbia Coatings

# Technical Data Sheet

Columbia Coatings  
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|                |              |
|----------------|--------------|
| <b>Number:</b> | T1694048     |
| <b>Name:</b>   | Malibu Magic |
| <b>Type:</b>   | TGIC         |

## Powder Properties

|                              |                                |
|------------------------------|--------------------------------|
| <b>Specific Gravity</b>      | 1.25 – 1.35 g/cm <sup>3</sup>  |
| <b>Storage Temp</b>          | < 80°F (25°C), up to 12 months |
| <b>Theoretical Coverage</b>  | 147 ft /lb. @ 2 mils           |
| <b>Particle Distribution</b> | n/a                            |

## Coating Properties

|                        |  |
|------------------------|--|
| <b>Film Thickness</b>  | Recommended Film Thickness: 2–3 mils             |
| <b>Cure Schedule</b>   | Metal Temperature:<br>10 minutes @ 375°F (191°C) |
| <b>Gloss Level</b>     | 80 – 90% @ 60°                                   |
| <b>Pencil Hardness</b> | H-2H minimum (ASTM D3363)                        |
| <b>Flexibility</b>     | 1/8" (ASTM D522) (Conical Mandrel)               |
| <b>Adhesion</b>        | 5B (ASTM D3359)                                  |
| <b>Direct Impact</b>   | 160 in/lb. (ASTM D2794)                          |
| <b>Reverse Impact</b>  | 160 in/lb. (ASTM D2794)                          |
| <b>Salt Spray</b>      | 1000 Hrs. Pass (ASTM B117)                       |

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