

Columbia Coatings

# Technical Data Sheet

Columbia Coatings  
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|                |                 |
|----------------|-----------------|
| <b>Number:</b> | S1793038        |
| <b>Name:</b>   | Lime Green 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>  | 2.5 – 3.5 mils                                                                |
| <b>Cure Schedule</b>   | Metal Temperature:<br>8 minutes @ 400°F (204°C)<br>15 minutes @ 375°F (191°C) |
| <b>Gloss Level</b>     | 80 – 95+% @ 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>  | 80 in/lb.                                                                     |
| <b>Salt Spray</b>      | 1/32 in. (1mm) @ 500 hours                                                    |

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