

Columbia Coatings

# Technical Data Sheet

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



|                |                           |
|----------------|---------------------------|
| <b>Number:</b> | COL178822                 |
| <b>Name:</b>   | Maryland Terrapins Yellow |
| <b>Type:</b>   | Polyester                 |

## Powder Properties

|                              |                                |
|------------------------------|--------------------------------|
| <b>Specific Gravity</b>      | Approx. 1.70 g/cm <sup>3</sup> |
| <b>Storage Temp</b>          | Less than 80°F (27°C)          |
| <b>Theoretical Coverage</b>  | 139 sq. ft/lb. @ 1 mil         |
| <b>Particle Distribution</b> | n/a                            |

## Coating Properties

|                        |   |
|------------------------|---|
| <b>Film Thickness</b>  | Recommended film thickness: 2.5 - 3.5 mils  |
| <b>Cure Schedule</b>   | Metal Temperature:<br>10 minutes @ 392°F (200°C)                                  |
| <b>Gloss Level</b>     | 75% – 95% @ 60°   |
| <b>Pencil Hardness</b> | H - 2H (ASTM D3363)   |
| <b>Flexibility</b>     | n/a   |
| <b>Adhesion</b>        | 5B  |
| <b>Direct Impact</b>   | 80 in-lb. direct;   |
| <b>Reverse Impact</b>  | 80 in-lb. reverse (ASTM D2794)  |
| <b>Salt Spray</b>      | 1000 hrs. less than 1/16" in creepage over B-1000 treated test panels (ASTM B117) |

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