

Columbia Coatings

# Technical Data Sheet

Columbia Coatings  
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|                |                            |
|----------------|----------------------------|
| <b>Number:</b> | IM5708023                  |
| <b>Name:</b>   | Polaris Matte Military Tan |
| <b>Type:</b>   | Proprietary                |

## Powder Properties

|                              |                              |
|------------------------------|------------------------------|
| <b>Specific Gravity</b>      | 1.37 ± .05 g/cm <sup>3</sup> |
| <b>Storage Temp</b>          | < 80°F (27°C)                |
| <b>Theoretical Coverage</b>  | 140 sq. ft. @ 1mil           |
| <b>Particle Distribution</b> | 25-50 microns                |

## Coating Properties

|                        |                                                  |
|------------------------|--------------------------------------------------|
| <b>Film Thickness</b>  | 2 - 3 mil                                        |
| <b>Cure Schedule</b>   | Metal Temperature:<br>10 minutes @ 400°F (204°C) |
| <b>Gloss Level</b>     | 2% - 6% @ 60°                                    |
| <b>Pencil Hardness</b> | H-2H                                             |
| <b>Flexibility</b>     | 100%                                             |
| <b>Adhesion</b>        | 5B                                               |
| <b>Direct Impact</b>   | 40 in/lb.                                        |
| <b>Reverse Impact</b>  | 10 in/lb.                                        |
| <b>Salt Spray</b>      | 1000 hrs.                                        |

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