

Columbia Coatings

# Technical Data Sheet

Columbia Coatings  
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|                |            |
|----------------|------------|
| <b>Number:</b> | M1716080   |
| <b>Name:</b>   | Red Velvet |
| <b>Type:</b>   | TGIC       |

## Powder Properties

|                              |                                      |
|------------------------------|--------------------------------------|
| <b>Specific Gravity</b>      | 1.42 ( $\pm$ 0.05) g/cm <sup>3</sup> |
| <b>Storage Temp</b>          | Maximum 80°F (27°C)                  |
| <b>Theoretical Coverage</b>  | 136 sq./ft @ 1 mil                   |
| <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 @ 400°F (204°C) |
| <b>Gloss Level</b>     | 10 – 20% @ 60° (ASTM D3363)                      |
| <b>Pencil Hardness</b> | H-2H (ASTM D3363)                                |
| <b>Flexibility</b>     | n/a  |
| <b>Adhesion</b>        | 100% Pass (ASTM D3359)                           |
| <b>Direct Impact</b>   | 160 in/lb. (ASTM D2794)                          |
| <b>Reverse Impact</b>  | 160 in/lb. (ASTM D2794)                          |
| <b>Salt Spray</b>      | 1,000 hrs. (ASTM B117)                           |

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