

Columbia Coatings

Technical Data Sheet

Columbia Coatings
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| | |
|----------------|------------|
| Number: | I1790027 |
| Name: | Tuff Black |
| Type: | TGIC |

Powder Properties

| | |
|------------------------------|--------------------------------|
| Specific Gravity | Approx. 1.42 g/cm ³ |
| Storage Temp | < 77°F (25°C) |
| Theoretical Coverage | 135 sq. ft/lb. @ 1 mil |
| Particle Distribution | n/a |

Coating Properties

| | |
|------------------------|---|
| Film Thickness | Recommended Film Thickness: 2–3 mils |
| Cure Schedule | Metal Temperature: 5 minutes at 350°F (177°C) -or- 10 minutes at 325°F (163°C)* 20 minutes at 300°F (149°C)* <i>*Low-Temp cure curve</i> |
| Gloss Level | 90+% @ 60° |
| Pencil Hardness | H (ASTM D3363) |
| Flexibility | 1/8" (ASTM D522) (Conical Mandrel) |
| Adhesion | 5B (ASTM D3359) |
| Direct Impact | 100 in-lb. direct (ASTM D2794) |
| Reverse Impact | 100 in-lb. direct (ASTM D2794) |
| Salt Spray | 1000 Hrs. Pass <1/8" Scribe Creep - No Blisters (ASTM B117) |

www.columbiacoatings.com