

Columbia Coatings

Technical Data Sheet

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



| | |
|----------------|----------|
| Number: | RAL8000 |
| Name: | RAL 8000 |
| Type: | TGIC |

Powder Properties

| | |
|------------------------------|----------------------|
| Specific Gravity | Approx. 1.58 |
| Storage Temp | 80°F (27°C) |
| Theoretical Coverage | 122 sq. ft./lb/1 mil |
| Particle Distribution | n/a |

Coating Properties

| | |
|------------------------|--|
| Film Thickness | Recommended film thickness 2.5 to 3.5 mils |
| Cure Schedule | 7 minutes at 400°F (204°C) or 10 minutes at 375°F (191°C) or 15 minutes at 350°F (177°C) (metal temperature) |
| Gloss Level | 85 ± 3 units on 60° |
| Pencil Hardness | H - 2H (ASTM D3363) |
| Flexibility | 3/16" (ASTM D522)(Conical Mandrel) |
| Adhesion | 5B |
| Direct Impact | 160 in-lb direct; |
| Reverse Impact | 160 in-lb reverse (ASTM D2794) |
| Salt Spray | 1000 hrs less than 1/16" in creepage over B-1000 treated test panels (ASTM B117) |

www.columbiacoatings.com