



Technical Bulletin

T-Safety Yellow PLSF 50131

Description: Thermosetting polyester TGIC powder coating designed for interior or exterior applications.

Typical Applications: General metals, architectural, automotive, lawn & garden furniture, stadium seating, light fixtures, marine, fencing, etc.

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| Typical Physical Properties: | Film Thickness | 2.0 – 3.0 + mil |
| | Gloss 60'angle (ASTM D-523-89) | 80+ |
| | Hardness (ASTM D-3363-92A) | H – 2H |
| | Flexibility (ASTM D-1737-89) | 1/8 inch |
| | Adhesion (ASTM D-3359-95A) | 5b (100%) |
| | Impact Direct/Indirect (ASTM D-2794-93) | 160/160 in-lbs |
| | Exterior Durability | Very Good |
| | Chemical Resistance | Good |
| | Salt Spray (ASTM B117) | 1000 Hrs < 1/8' |
| Specific Gravity (calculated) | 1.54 | |

Application Data: Polyester TGIC's are to be applied with a corona electrostatic powder spray gun at between 60kv – 100 kv.

Cure Schedule: Polyester TGIC's can be cured in a direct or indirect gas convection oven, an electric oven, or an Infrared. A combination of any of these ovens is also suitable.

Standard Cure: 10 Minutes @ 340°f Peak Metal Temperature

Storage: Product should be stored at temperatures below 80°f, in a dry area away from any heat source.

Notes: All tests were performed on Bonderite 1000, iron phosphated panels with a nominal film thickness of 2 mils. Please refer to the MSDS for safety information.

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