



Technical Data Sheet

FED 37038 Standard Fed-Std. Black 37038

Description:	<i>Fed-Std. Black 37038</i> is a thermosetting powder coating based on a Polyester TGIC resin/binder system, which is designed for interior or exterior applications.	
Typical Applications:	Decorative finishes	
Typical Physical Properties:	Film Thickness (ASTM D)	2.0 -3.5 mil
	Gloss 60°angle (ASTM D-523-89)	0-5%
	Hardness (ASTM D-3363-92A)	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 inch-lb.
	Exterior Durability	Excellent
	Salt Spray (ASTM B117)	1,000 Hrs. + < 3mm
	Specific Gravity	1.33±0.03
Application Data:	<i>Fed-Std. Black 37038</i> is to be applied with a corona electrostatic powder spray gun at between 60kv – 100 kV.	
Cure Schedules:	<i>Fed-Std. Black 37038</i> can be cured in a direct or indirect gas convection oven, an electric oven, or an Infra red. A combination of any of these ovens is also suitable.	
	Standard Cure: 10 Minutes @ 400°F Peak Metal Temperature	
Storage:	Product should be stored at temperatures below 80 ^o f, in a dry area away from any heat source.	
Notes:		

Please refer to the MSDS for safety information.

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