



Technical Data Sheet

TSSB39344 Teflon Black - Specialty

Description: *TSSB39344, Teflon Black* is a thermosetting powder coating based on a Specialty Teflon and Silicone resin/binder system, which is designed for interior or exterior applications.

Typical Applications: Decorative finishes

Typical	Film Thickness (ASTM D)	2.0 - 3.5 mil
Physical Properties:	Gloss 60°angle (ASTM D-523-89)	50+%
	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)	200/200 inch-lb.
	Exterior Durability	Excellent
	Salt Spray (ASTM B117)	1,500Hrs+ < 3mm
	Specific Gravity	1.33±0.03

Using the ASTM D4518 test method, Teflon Slip powders have been proven to have a coefficient of friction a full 35% lower than other standard powder coatings.

Application Data: *TSSB39344, Teflon Black* is to be applied with a corona electrostatic powder spray gun at between 60kv – 100 kV.

Cure Schedules: *TSSB39344, Teflon Black* 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: 15 Minutes @ 400°F Peak Metal Temperature

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

Notes:
Please refer to the MSDS for safety information.

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