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 Physical Properties:

Film Thickness (ASTM D)	2.0 - 3.5 mil
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:
Notes:

Product should be stored at temperatures below 80^0f, in a dry area away from any heat source.

Please refer to the MSDS for safety information.