



Typical Property Data Sheet

PTFE COMPOUNDS, INC.

PCI 25 C / GR FF

DESCRIPTION

A free flowing pelletized compound that is dark gray to black in color and contains petroleum coke and graphite powders blended in PTFE resin.

TYPICAL PROPERTIES

PROPERTY	TEST	UOM	VALUE
Tensile Strength	ASTM D-4745	psi	1900
Elongation	ASTM D-4745	%	90
Specific Gravity	ASTM D-4745	g/cm ³	2.08
Bulk Density	ASTM D-4894	g/l	700
Hardness	ASTM D-2240	Shore D	61
Filler Content	ASTM D-4745	%	25 ± 2
Deformation Under Load	ASTM D-621	%	2.0
Coefficient of Thermal Expansion	ASTM D696	in/in/°F x 10 ⁻⁵	5.9
Static Coefficient of Friction	ASTM D-1894	--	0.09
Dynamic Coefficient of Friction	ASTM D-1894	--	0.08
Dielectric Strength	ASTM D-149A	--	no data
Wear Factor (K x 10 ⁻¹⁰)		in ³ -min/lb-ft-hr	6

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