



Typical Property Data Sheet

PTFE COMPOUNDS, INC.

PCI 25 C / GR LF

DESCRIPTION

Compound is a dark gray to black molding grade low flow powder that contains petroleum coke and graphite powders blended in PTFE resin.

TYPICAL PROPERTIES

PROPERTY	TEST	UOM	VALUE
Tensile Strength	ASTM D-4745	psi	2100
Elongation	ASTM D-4745	%	110
Specific Gravity	ASTM D-4745	g/cm ³	2.07
Bulk Density	ASTM D-4894	g/l	No data
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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