



Typical Property Data Sheet

PTFE COMPOUNDS, INC.

PCI 15 FG LF

DESCRIPTION

Compound is white molding grade low flow powder that contains glass fibers blended in PTFE resin.

TYPICAL PROPERTIES

PROPERTY	TEST	UOM	VALUE
Tensile Strength	ASTM D-4745	psi	3400
Elongation	ASTM D-4745	%	290
Specific Gravity	ASTM D-4745	g/cm ³	2.23
Bulk Density	ASTM D-4894	g/l	350
Hardness	ASTM D-2240	Shore D	59
Filler Content	ASTM D-4745	%	15 ± 2
Deformation Under Load	ASTM D-621	%	4.1
Coefficient of Thermal Expansion	ASTM D696	in/in/°F x 10 ⁻⁵	5.7
Static Coefficient of Friction	ASTM D-1894	--	0.09
Dynamic Coefficient of Friction	ASTM D-1894	--	0.05
Dielectric Strength	ASTM D-149A	--	430
Wear Factor (K x 10 ⁻¹⁰)		in ³ -min/lb-ft-hr	7

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PTFE COMPOUNDS, INC.
220 Chesapeake Boulevard
Elkton, MD 21921
Office 410-392-9080
Fax 410-392-9081

Website: www.ptfecompounds.com
Email: mail@ptfecompounds.com