



Typical Property Data Sheet

PTFE COMPOUNDS, INC.

PCI 15 FG 5 M LF

DESCRIPTION

Compound is gray molding grade low flow powder that contains glass fibers and molybdenum disulfide blended in PTFE resin.

TYPICAL PROPERTIES

PROPERTY	TEST	UOM	VALUE
Tensile Strength	ASTM D-4745	psi	3300
Elongation	ASTM D-4745	%	220
Specific Gravity	ASTM D-4745	g/cm ³	2.28
Bulk Density	ASTM D-4894	g/l	no data
Hardness	ASTM D-2240	Shore D	63
Filler Content	ASTM D-4745	%	20 ± 2
Deformation Under Load	ASTM D-621	%	3.8
Coefficient of Thermal Expansion	ASTM D696	in/in/°F x 10 ⁻⁵	5.2
Static Coefficient of Friction	ASTM D-1894	--	0.06
Dynamic Coefficient of Friction	ASTM D-1894	--	0.04
Dielectric Strength	ASTM D-149A	--	690
Wear Factor (K x 10 ⁻¹⁰)		in ³ -min/lb-ft-hr	9

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