



Typical Property Data Sheet

PTFE COMPOUNDS, INC.

PCI 25 FG LF

DESCRIPTION

Compound is a 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	2950
Elongation	ASTM D-4745	%	265
Specific Gravity	ASTM D-4745	g/cm ³	2.24
Bulk Density	ASTM D-4894	g/l	385
Hardness	ASTM D-2240	Shore D	60
Filler Content	ASTM D-4745	%	25 ± 2
Deformation Under Load	ASTM D-621	%	3.9
Coefficient of Thermal Expansion	ASTM D-696	In/in/°F x10 ⁻⁵	4.3
Static Coefficient of Friction	ASTM D-1894	--	0.12
Dynamic Coefficient of Friction	ASTM D-1894	--	0.07
Dielectric Strength	ASTM D-149A	--	320
Wear Factor		In ³ -min/lb-ft-hr	6

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