



Typical Property Data Sheet

PTFE COMPOUNDS, INC.

PCI 15 GR FF

DESCRIPTION

A free-flowing pelletized compound that is gray in color and contains graphite powder blended in PTFE resin.

TYPICAL PROPERTIES

PROPERTY	TEST	UOM	VALUE
Tensile Strength	ASTM D-4745	psi	2000
Elongation	ASTM D-4745	%	160
Specific Gravity	ASTM D-4745	g/cm ³	2.16
Bulk Density	ASTM D-4894	g/l	695
Hardness	ASTM D-2240	Shore D	63
Filler Content	ASTM D-4745	%	15 ± 2
Deformation Under Load	ASTM D-621	%	2.5
Coefficient of Thermal Expansion	ASTM D-696	In/in/°F x10 ⁻⁵	5.9
Static Coefficient of Friction	ASTM D-1894	--	0.07
Dynamic Coefficient of Friction	ASTM D-1894	--	0.05
Dielectric Strength	ASTM D-149A	--	60
Wear Factor		In ³ -min/lb-ft-hr	30

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