



Typical Property Data Sheet

# PTFE COMPOUNDS, INC.

## PCI 25 FG FF

### DESCRIPTION

A free-flowing pelletized compound that is white in color and contains glass fibers blended in PTFE resin.

### TYPICAL PROPERTIES

PROPERTY	TEST	UOM	VALUE
Tensile Strength	ASTM D-4745	psi	2000
Elongation	ASTM D-4745	%	200
Specific Gravity	ASTM D-4745	g/cm <sup>3</sup>	2.24
Bulk Density	ASTM D-4894	g/l	785
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 <sup>-5</sup>	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 <sup>3</sup> -min/lb-ft-hr	6

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