



## 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 <sup>3</sup>	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 D696	in/in/°F x 10 <sup>-5</sup>	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 (K x 10 <sup>-10</sup> )		in <sup>3</sup> -min/lb-ft-hr	30

Technical information and material properties provided by PTFE Compounds, Inc are based on information and tests we believe to be reliable and are intended for use by persons with the knowledge and technical expertise to analyze test types and conditions. No license under PTFE Compounds, Inc or third party intellectual rights is granted or implied by virtue of this information.

Because conditions of product use are outside PTFE Compounds, Inc control and may vary widely, user must evaluate whether this product will be suitable for intended application. This statement is made in lieu of all express and implied warranties including those of merchantability and fitness for a particular purpose. If a product of PTFE Compounds, Inc is proved to be defective, PTFE Compounds, Inc only obligation, and user's only remedy, will be, at PTFE Compounds, Inc option, to replace the quantity of product shown to be defective or to refund user's purchase price. In no event will PTFE Compounds, Inc be liable for any direct, indirect, incidental, or consequential loss or damage, regardless of legal theory, such as breach of warranty or contract, negligence, or strict liability



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

Website: [www.ptfecomponents.com](http://www.ptfecomponents.com)  
Email: [mail@ptfecomponents.com](mailto:mail@ptfecomponents.com)