



Typical Property Data Sheet

PTFE COMPOUNDS, INC.

PCI 15 FG LF

DESCRIPTION

Compound is 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	3400
Elongation	ASTM D-4745	%	290
Specific Gravity	ASTM D-4745	g/cm ³	2.23
Bulk Density	ASTM D-4894	g/l	350
Hardness	ASTM D-2240	Shore D	59
Filler Content	ASTM D-4745	%	15 ± 2
Deformation Under Load	ASTM D-621	%	4.1
Coefficient of Thermal Expansion	ASTM D-696	In/in/°F x10 ⁻⁵	5.7
Static Coefficient of Friction	ASTM D-1894	--	0.09
Dynamic Coefficient of Friction	ASTM D-1894	--	0.05
Dielectric Strength	ASTM D-149A	--	430
Wear Factor		In ³ -min/lb-ft-hr	7

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.'s 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.