



Typical Property Data Sheet

PTFE COMPOUNDS, INC.

PCI 60 BZ FF

DESCRIPTION

A free flowing pelletized compound that is brown in color and contains bronze powder blended in PTFE resin.

TYPICAL PROPERTIES

PROPERTY	TEST	UOM	VALUE
Tensile Strength	ASTM D-4745	psi	2450
Elongation	ASTM D-4745	%	105
Specific Gravity	ASTM D-4745	g/cm ³	3.91
Bulk Density	ASTM D-4894	g/l	1350
Hardness	ASTM D-2240	Shore D	67
Filler Content	ASTM D-4745	%	60 ± 3
Deformation Under Load	ASTM D-621	%	2.3
Coefficient of Thermal Expansion	ASTM D696	in/in/°F x 10 ⁻⁵	4.3
Static Coefficient of Friction	ASTM D-1894	--	0.13
Dynamic Coefficient of Friction	ASTM D-1894	--	0.07
Dielectric Strength	ASTM D-149A	--	Conductive
Wear Factor (K x 10 ⁻¹⁰)		in ³ -min/lb-ft-hr	5

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