



## 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 <sup>3</sup>	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 <sup>-5</sup>	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 <sup>-10</sup> )		in <sup>3</sup> -min/lb-ft-hr	5

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## Typical Property Data Sheet

# PTFE COMPOUNDS, INC.

## PCI 60 BZ LF

### DESCRIPTION

Compound is brown molding grade low flow powder that contains bronze powder blended in PTFE resin.

### TYPICAL PROPERTIES

PROPERTY	TEST	UOM	VALUE
Tensile Strength	ASTM D-4745	psi	2500
Elongation	ASTM D-4745	%	175
Specific Gravity	ASTM D-4745	g/cm <sup>3</sup>	3.95
Bulk Density	ASTM D-4894	g/l	no data
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 <sup>-5</sup>	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 <sup>-10</sup> )		in <sup>3</sup> -min/lb-ft-hr	5

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