

# Fluon® PTFE PB2510

Polytetrafluoroethylene

Asahi Glass Co., Ltd.

## Message:

Fluon® PTFE FC has improved creep and wear resistance. A wide range of fillers such as glass fiber, graphite, bronze, carbon fiber are available. Properties of each grades are listed later in tables.

### Applications:

piston ring

bearing

ball valve sheet

bearing pad

oil seal

### Characteristics:

improved wear resistance in water

improved heavy load

improved bending strength

General Information		
Filler / Reinforcement	Carbon Fiber,10% Filler by Weight	
Uses	Bearings	
	Seals	
	Valves/Valve Parts	
Forms	Powder	
Physical	Nominal Value	Unit
Specific Gravity		
--	2.08	g/cm <sup>3</sup>
--	0.700	g/cm <sup>3</sup>
Mechanical	Nominal Value	Unit
Tensile Strength	21.2	MPa
Tensile Elongation (Break)	250	%
Additional Information	Nominal Value	Unit
Median Particle Size	565.0	μm

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## Recommended distributors for this material

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