

Fluon® PTFE PB1205

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

mechanical seal

Characteristics:

improved wear resistance

improved creep resistance

improved stiffness hardness

General Information		
Filler / Reinforcement	Glass Fiber,20% Filler by Weight	
	Graphite Fiber,5.0% Filler by Weight	
Uses	Bearings	
	Seals	
	Valves/Valve Parts	
Forms	Powder	
Physical	Nominal Value	Unit
Specific Gravity		
--	2.20	g/cm ³
--	0.740	g/cm ³
Mechanical	Nominal Value	Unit
Tensile Strength	17.3	MPa
Tensile Elongation (Break)	220	%
Additional Information	Nominal Value	Unit
Median Particle Size	780.0	μm

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