

Fluon® PTFE PA1020Z

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:

bearing
gasket
valvedisk
V-ring
O-ring
plug
valve
sheet
pump
impeller
mechanical seal

Characteristics:

improved wear resistance.
improved compression resistance
filler can be damaged by strong base and hydrogen fluoride
improved power flow for Z-type of PA

General Information		
Filler / Reinforcement	Glass Fiber,20% Filler by Weight	
Features	Good Flow	
Uses	Bearings	
	Gaskets	
	Plugs	
	Pump Parts	
	Seals	
	Sheet	
	Valves/Valve Parts	
Forms	Powder	
Physical	Nominal Value	Unit
Specific Gravity		
--	2.22	g/cm ³
--	0.880	g/cm ³
Mechanical	Nominal Value	Unit
Tensile Strength	22.1	MPa
Tensile Elongation (Break)	320	%
Additional Information	Nominal Value	Unit
Median Particle Size	715.0	μm

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