

Fluon® PTFE PA1025Z

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,25% 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		
--	2.23	g/cm ³
--	0.890	g/cm ³
Mechanical	Nominal Value	Unit
Tensile Strength	18.5	MPa
Tensile Elongation (Break)	290	%
Additional Information	Nominal Value	Unit
Median Particle Size	690.0	μm

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

