

Fluon® PFA P-62XPT

Perfluoroalkoxy

Asahi Glass Co., Ltd.

Message:

Fluon® PFA is a copolymer of tetrafluoroethylene (C₂F₄) and perfluoroalkoxyethylene, which has excellent chemical, electrical, mechanical and surface properties. PFA retains many inherent characteristics and similar properties to PTFE but can be processed using conventional thermoplastic techniques, such as extrusion, injection moulding, blow moulding, or electrostatic powder coating. Fluon® PFA can be used within a wide temperature range from extremely low temperatures to 260°C maximum without losing its properties.

Fluon® PFA is the most suitable material for semiconductor equipment parts, which are in constant contact with strong chemicals.

Applications:

High Flow Applications

General Information			
Features	Combustion Resistant		
	Good Chemical Resistance		
	Good Crack Resistance		
	Good Weather Resistance		
	High Flow		
	High Strength		
	Low Friction		
	Low to No Water Absorption		
	Non-Stick		
	Oil Resistant		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (372°C/5.0 kg)	24 to 36	g/10 min	ASTM D1238

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