

Fluoroloy® A09

PTFE

Saint-Gobain Performance Plastics

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	531	MPa	ASTM D 638
Tensile Strength	31	MPa	ASTM D 638
Compressive Modulus	531	MPa	ASTM D 695
Compressive Strength	6.21	MPa	ASTM D 695
Shore D Hardness	62	-	ASTM D 2240

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Coefficient of Thermal Expansion, MD	147	E-6/K	ASTM D 696
Coefficient of Thermal Expansion, TD	213	E-6/K	ASTM D 696

Other properties	Value	Unit	Test Standard
Density	940	kg/m ³	ASTM D 792

Characteristics**Special Characteristics**

Heat stabilized or stable to heat

Regional Availability

North America, Europe, Asia Pacific, South and Central America

Chemical Resistance

General Chemical Resistance