

Fluoroloy® A22

Thermoplastic

Saint Gobain Performance Plastics

Message:

Features/Benefits:

Color: Tan

Resistant to abrasions

Working Temperature Range: Up to +260°C [+500°F]

Chemical and environmental inertness

Good strength at elevated temperatures

General Information			
Features	Good Abrasion Resistance		
	Good Chemical Resistance		
	High Temperature Strength		
Appearance	Tan		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	90		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4000	MPa	ASTM D1708
Tensile Stress	95.0	MPa	ASTM D1708
Tensile Elongation (Break)	30	%	ASTM D1708
Compressive Modulus	2440	MPa	ASTM D695
Compressive Strength (1% Strain)	138	MPa	ASTM D695
Coefficient of Friction	0.40		ASTM D3702
Deformation Under Load ¹ (14 MPa)	0.0300	%	ASTM D621
Thermal	Nominal Value	Unit	Test Method
CLTE			ASTM D696
Flow : 26 to 200°C	5.6E-5	cm/cm/°C	
Transverse : 26 to 200°C	7.9E-5	cm/cm/°C	
NOTE			
1.	24 hours		

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