

Fluoroloy® A08

Thermoplastic

Saint Gobain Performance Plastics

Message:

Features/Benefits:

Color: Tan

Superior wear and heat resistance running against soft metals

Non-abrasive

Recommended for moderate to high speed dynamic service

Working Temperature Range: -268° to +288°C [-450° to +550°F]

General Information			
Features	Good Wear Resistance High Heat Resistance Non-Abrasive		
Appearance	Tan		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.02	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	60		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	379	MPa	ASTM D638
Tensile Stress	20.7	MPa	ASTM D1708
Tensile Elongation (Break)	230	%	ASTM D1708
Compressive Modulus	655	MPa	ASTM D695
Compressive Strength (1% Strain)	6.89	MPa	ASTM D695
Coefficient of Friction	0.20		ASTM D3702
Deformation Under Load ¹ (14 MPa)	8.30	%	ASTM D621
Thermal	Nominal Value	Unit	Test Method
CLTE			ASTM D696
Flow : 26 to 200°C	1.3E-4	cm/cm/°C	
Transverse : 26 to 200°C	1.3E-4	cm/cm/°C	
NOTE			
1.	24 hours		

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