

Fluoroloy® A15

Thermoplastic

Saint Gobain Performance Plastics

Message:

Features/Benefits:

Color: Dark Gray

Soft material

Good for sealing at low pressures

Can be abrasive running against soft metals

Good heat resistance

Working Temperature Range: -268° to +316°C [-450° to +600°F]

General Information			
Features	Medium Heat Resistance		
	Soft		
Appearance	Dark Grey		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.22	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	58		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	441	MPa	ASTM D4894
Tensile Strength	23.4	MPa	ASTM D4894
Tensile Elongation (Break)	230	%	ASTM D4894
Compressive Modulus	827	MPa	ASTM D695
Compressive Strength (1% Strain)	13.1	MPa	ASTM D695
Coefficient of Friction	0.090		ASTM D3702
Deformation Under Load ¹ (14 MPa)	8.50	%	ASTM D621
Thermal	Nominal Value	Unit	Test Method
CLTE			ASTM E831
Flow : 26 to 200°C	1.3E-4	cm/cm/°C	
Transverse : 26 to 200°C	9.4E-5	cm/cm/°C	
NOTE			
1.	24 hours		

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