

Greene 410

Fluorosilicone
Greene, Tweed & Co.

Message:
Greene 410 is a Fluorosilicone (Fluoro Si) product. It is available in North America.

General Information			
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.50	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	82		ASTM D785
Durometer Hardness (Shore A)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction ¹			ASTM D1894
vs. Itself - Dynamic	1.0		
vs. Itself - Static	2.3		
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D1414
50% Strain	3.17	MPa	
100% Strain	5.65	MPa	
Tensile Strength (Break)	8.07	MPa	ASTM D1414
Tensile Elongation (Break)	150	%	ASTM D1414
Compression Set ² (175°C, 22 hr)	12	%	ASTM D395
Thermal	Nominal Value	Unit	Test Method
CLTE - Flow	2.4E-4	cm/cm/°C	ASTM E228
Service Temperature	-52 to 81	°C	
Rubber Classification ³	FVMQ		
Tear Strength - Bie B	29.8	kN/m	ASTM D624
TR 10/50	-60	°C	ASTM D1329
NOTE			
1.	Method C		
2.	25% Deflection		
3.	ASTM D1418		

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