

Testing Standards

	Silicone, Viton, EPDM Buna-N, Aflas
PHYSICAL PROPERTIES	
Specific Gravity	ASTM D297
Water Absorption	ASTM D570
Radiation tolerance, Mrad	
MECHANICAL PROPERTIES	
Tensile Strength	ASTM D412
Compressive Strength	
Flexural Strength	
Tensile Modulus	ASTM D412
Flexural Modulus	
Hardness: Shore A	ASTM D2240
Hardness: Shore D	ASTM D2240
Hardness: Rockwell Scale R	ASTMD 785A
Elongation	ASTM D412
IZOD Impact Strength	ASTM D638M
Tear Strength, Die B	ASTM D256A
THERMAL PROPERTIES	
Melting Temperature	ASTM D3418
Specific Heat	
Thermal Conductivity	ASMT C177
Coefficient of Thermal Expansion	ASTM D696
Brittle Temperature	ASTM D746A
Heat Deflection Temperature	
UL-94 Flammability Class	UL-94
Oxygen Index	ASTM D2863
ELECTRICAL PROPERTIES	
Dielectric Strength	STM D149
Electric Resistivity	ASTM D257
Dielectric constant	ASTM D150
Dissipation Factor	ASTM D150

