

Mosites #10125 Viton[®] Extrusion

Mosites #10125 is a 60 durometer acid resistant Viton[®] compound. It has excellent resistance to acids, hot water and low pressure steam, chlorinated solvents, aliphatic and aromatic hydrocarbons, petroleum oils, fuels, ozone and weather, lubricants, and animal or vegetable oils. It has a service temperature range of -10 degrees F to 500 degrees F.

Viton[®] is not recommended for service in low molecular weight esters and ethers, ketones, certain amines, hot anhydrous hydrofluoric or chlorosulphonic acids and alkyl phosphate esters.

The physical properties shown below were obtained on molded 0.080 inch thick ASTM samples. They are typical of Mosites #10125 but they should not be used to set Quality Control Specification minimum requirements.

Typical Physical Properties

Hardness (shore A)	66
Tensile Strength (psi)	2281
Elongation at Break (%)	440%
Modulus at 100% Elongation (psi)	1699
Tear Strength (ppi)	141
Specific Gravity	1.90
Compression Set (%)	38%
(22 hours at 350 deg. F)	

