

Mosites #10228 Fluoroelastomer Sheet

Mosites #10228 is a 75 durometer specification grade Fluoroelastomer compound. It meets the requirements of Mil-R-83248-C, Type II, Class I. It has excellent resistance to aliphatic and aromatic hydrocarbons, petroleum oils, fuels, ozone and weather, chlorinated solvents, lubricants, and animal or vegetable oils. It has a service temperature range of -10 degrees F to 500 degrees F.

Mosites #10228 is not recommended for service in acids or hot water and steam. Mosites has other Fluoroelastomer compounds for these applications.

Fluoroelastomer 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 #10228 but they should not be used to set Quality Control Specification minimum requirements.

<u>Typical Physical Properties</u>	
Hardness (shore A)	79
Tensile Strength (psi)	1801
Elongation at Break (%)	227%
Modulus at 100% Elongation (psi)	804
Tear Strength (ppi)	153
Specific Gravity	1.84
Compression Set (%)	12%
(22 hours at 350 deg. F)	