

Mosites #1097/1098 Viton® Sheet

Mosites #1097 is a 70 durometer Commercial Grade Viton® compound. It has excellent resistance to 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 400 deg. F.

Mosites #1097 is not recommended for service in acids, chlorinated solvents, or hot water and steam. Mosites has other Viton® compounds that are recommended for these applications.

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 #1097 but they should not be used to set Quality Control Specification minimum requirements.

<u>Typical Physical Properties</u>	
Hardness (shore A)	73
Tensile Strength (psi)	990
Elongation at Break (%)	230%
Modulus at 100% Elongation (psi)	731
Tear Strength (ppi)	133
Specific Gravity	1.97
Compression Set (%)	44%
(22 hours at 350 deg. F)	

