

Mosites #10131 Viton[®] Extrusion

Mosites #10131 is a non-black 75 durometer premium grade Viton[®] with FDA approved ingredients. It has excellent resistance to aliphatic and aromatic hydrocarbons, chlorinated solvents, petroleum oils, fuels, ozone and weather, lubricants, and animal or vegetable oils. It has a service temperature range of 10°F to 400°F.

Mosites #10131 is not recommended for service in acids or hot water and steam. Mosites has over compounds that that recommended 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 #10131 but they should not be used to set Quality Control Specification minimum requirements.

Typical Physical Properties

Hardness (shore A)	73
Tensile Strength (psi)	2138
Elongation at Break (%)	194%
Modulus at 100% Elongation (psi)	920
Tear Strength (ppi)	137
Specific Gravity	2.15
Compression Set (%)	15%
(22 hours at 350 deg. F)	

