



**Mosites #1055 Viton® Sheet**

Mosites #1055 is a 70 durometer brown non-specification 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° F to 400° F.

Mosites #1055 is not recommended for service in acids, chlorinated solvents, or hot water and steam. Mosites has other Fluoroelastomer compounds that are 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 #1055 but they should not be used to set Quality Control Specification minimum requirements.

| <b><u>Typical Physical Properties</u></b> |      |
|-------------------------------------------|------|
| Hardness (shore A) .....                  | 72   |
| Tensile Strength (psi) .....              | 1041 |
| Elongation at Break (%) .....             | 232  |
| Modulus at 100% Elongation (psi) .....    | 735  |
| Tear Strength (ppi) .....                 | 135  |
| Specific Gravity .....                    | 1.99 |
| Compression Set (%) .....                 | 41%  |
| (22 hours at 350 deg. F)                  |      |



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