

# **MEDIA VALVE CO. INC.**

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## Mosites # 10320 Viton

The physical properties shown below were obtained on 0.080 inch thick molded ASTM samples. They are typical of Mosites #10320, but they should not be used to set Quality Control Specification minimum requirements.

### Typical Physical Properties

HARDNESS (Shore A)	78
TENSILE STRENGTH (psi)	2684
ELONGATION (%)	268%
MODULUS AT 100% ELONGATION (psi)	741
TEAR STRENGTH (ppi)	130
SPECIFIC GRAVITY	1.81
COMPRESSION SET (%) (22 hours at 350F)	5%

This compound is a 75 durometer, acid resistant, black, Viton base fluoroelastomer rubber compound, using DuPont Viton GF base. It has excellent weather and ozone resistance as well as resistance to chlorinated solvents, petroleum oils and grease, gasoline, aircraft fuels, methanol, salt water, and salt solutions. It offers good resistance to high pH chemicals such as sodium hydroxide solutions. It has poor resistance to ketones. This formulation meets the requirements of DuPont Gasket Code, S-26 for a GF type fluoroelastomer with a peroxide cure system. It uses only virgin polymer and contains no regrind or reprocessed elastomer.