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Viton® GF-S



DuPont Dow Elastomer's Viton® GF-S is a 70 durometer acid resistant Viton® compound. It has excellent resistance to acids, hot water and low pressure steam, chlorinated solvents, aliphatic and aromatic petroleum oils, fuels, ozone and weather, lubricants, and animal or vegetable oils. It has a service temperature range of -10° F to 500° F.

Viton® GF-S 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.

TYPICAL PHYSICAL PROPERTIES

PHYSICAL PROPERTY	UNITS	VALUE
Specific Gravity	(G/CC)	1.81
Durometer: Shore 'A'	(pts)	72
Elongation	(%)	268
E100 Modulus	(psi)	741
Tensile	(psi)	2684
Tear Die 'C'	(pli)	130
Compression Set 70 hrs. @ 350F	(%)	5

All parts were cured for 30 minutes at 320° , and post cured 16 hrs. at 450° . The physical properties shown above were obtained on molded ASTM samples. They are typical, but they should not be used to set Quality Control Specification minimum requirements.