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V901



V901 is a specially formulated Viton® compound, designed for use in extreme Oilfield and Petrochemical applications where high pressure and excellent chemical resistance is required. This compound consists of a Viton® GF Type base polymer formulated with a special blend of Carbon Black Fibers. V901 has excellent memory and has a broad temperature range -20° F to 450° F.

TYPICAL PHYSICAL PROPERTIES

PHYSICAL PROPERTY	UNITS	VALUE
Specific Gravity	(G/CC)	1.87
Durometer: Shore 'A'	(pts)	90
Elongation	(%)	110
E100 Modulus	(psi)	2100
Tensile	(psi)	2310
Tear Die 'C'	(pli)	180
Compression Set 70 hrs. @ 350F	(%)	29.0

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 of V901 but they should not be used to set Quality Control Specification minimum requirements.