

Data Sheet: V75 FDA

MATERIAL: VITON[®] 75 SHORE FDA

COLOUR: BLACK

GENERAL SERVICE TEMPERATURE RANGE: -20°C to 205°C

SPECIFICATION: ASTM D2000-M2 HK810 A1-10 B37 EF31 Z1

PHYSICAL PROPERTIES	REQUIREMENT	TEST RESULT
HARDNESS SHORE A	75+/-5	77
TENSILE STRENGTH, MPa	10.0	10.7
ELONGATION, %	150	192
SPECIFIC GRAVITY		1.989
HEAT AGEING 70hrs @ 250°C		
HARDNESS CHANGE, POINTS	+10	+3
TENSILE STRENGTH CHANGE %	-25	+30
ELONGATION CHANGE %	-25	-25
COMPRESSION SET		
22hrs @ 175°C %	50	11
FLUID RESISTANCE, Fuel C. 70hrs @ 150°C		
HARDNESS CHANGE, POINTS	0/-5	+2
TENSILE STRENGTH CHANGE %	-25	+17
ELONGATION CHANGE %	-20	-19
VOLUME CHANGE %	0/+10	+9

The above test results are based on test slabs / buttons. The results from the actual parts may be different.

Issue Date: 27.05.2011