

Data Sheet: V60 GR

MATERIAL: VITON[®] 60 SHORE – GENUINE DUPONT POLYMER

COLOUR: GREEN

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

SPECIFICATION: ASTM D2000 M2HK607 A1-10 B38 EF31 EO78 Z1 =Green

PHYSICAL PROPERTIES	REQUIREMENT	TEST RESULT
HARDNESS SHORE A	60 +/-5	62
TENSILE STRENGTH, psi	1015	1257
ELONGATION %	200	310
SPECIFIC GRAVITY		1.966
HEAT AGEING 70hrs @ 250°C		
HARDNESS CHANGE, POINTS	+10	+1
TENSILE STRENGTH CHANGE %	-25	0
ELONGATION CHANGE %	-25	+11
COMPRESSION SET		
22hrs @ 200°C %	50	10
FLUID RESISTANCE, Fuel C 70hrs @ 23°C		
HARDNESS CHANGE, POINTS	+/-5	-5
TENSILE STRENGTH CHANGE %	-25	-25
ELONGATION CHANGE %	-20	-13
VOLUME CHANGE %	0/+10	+6.7
FLUID RESISTANCE, Fluid No. 101, 70hrs @ 200°C		
HARDNESS CHANGE, POINTS	-15/+5	-8
TENSILE STRENGTH CHANGE %	-40	-21
ELONGATION CHANGE %	-20	+5
VOLUME CHANGE %	0/+15	+13.8

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

Issue Date: 21.11.2012