

Data Sheet: V60 WH

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

COLOUR: WHITE

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

SPECIFICATION: ASTM D2000 M2HK607 A1-10 B38 EF31 EO78
Z1=Hardness change of EF31 Z2= Volume change of EF31

PHYSICAL PROPERTIES	REQUIREMENT	TEST RESULT
HARDNESS SHORE A	60+/-5	63
TENSILE STRENGTH, psi	1015	1259
ELONGATION %	200	360
SPECIFIC GRAVITY		1.966
HEAT AGEING 70 hrs @ 250°C		
HARDNESS CHANGE, POINTS	+10	+2
TENSILE STRENGTH CHANGE %	-25	+5
ELONGATION CHANGE %	-25	-12
COMPRESSION SET		
22 hrs @ 200°C %	50	18
FLUID RESISTANCE, Fuel C 70 hrs @ 23°C		
HARDNESS CHANGE, POINTS (Z1)	-10/+5	-6
TENSILE STRENGTH CHANGE %	-25	-23
ELONGATION CHANGE %	-20	-11
VOLUME CHANGE %	0/+10	+4.6
FLUID RESISTANCE, Fluid No. 101, 70 hrs @ 200°C		
HARDNESS CHANGE, POINTS	-15/+5	-10
TENSILE STRENGTH CHANGE %	-40	-22
ELONGATION CHANGE %	-20	-3
VOLUME CHANGE % (Z2)	0/+20	+18.8

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

Issue Date: 21.11.2012