

# Data Sheet: FKM60

MATERIAL: FLUOROCARBON 60 SHORE (GENERAL PURPOSE)

COLOUR: BLACK

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

SPECIFICATION: ASTM D2000 M2HK607 A1-10 B37 EF31

PHYSICAL PROPERTIES	REQUIREMENT	TEST RESULT
HARDNESS SHORE A	60+/-5	60
TENSILE STRENGTH, psi	1015	1030
ELONGATION %	200	285
SPECIFIC GRAVITY		1.801
<b>HEAT AGEING @ 70hrs @ 250°C</b>		
HARDNESS CHANGE, POINTS	+10	+2
TENSILE STRENGTH CHANGE %	-25	+2
ELONGATION CHANGE %	-25	-2
<b>COMPRESSION SET</b>		
HEAT AGING @ 22hrs @ 175°C %	50	9
<b>EF31 FUEL RESISTANCE, FUEL C. 70hrs @ 23°C</b>		
HARDNESS CHANGE, POINTS	+/-5	-4
TENSILE STRENGTH CHANGE %	-25	-2
ELONGATION CHANGE %	-20	+13
VOLUME CHANGE %	0/+10	+4

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

Issue Date: 22.10.2012