

Data Sheet: FKM75 (Extruded Cord)

MATERIAL: FKM75 - FLUOROELASTOMER 75 SHORE FOR EXTRUDED CORD

COLOUR: BLACK

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

SPECIFICATION: D2000 M2HK710 A1-10 B37 EF31 E036 Z1

PHYSICAL PROPERTIES	REQUIREMENT	TEST RESULT
HARDNESS SHORE A (Z1)	75+/-5	77
TENSILE STRENGTH MPa	10	11
ELONGATION %	175	189
SPECIFIC GRAVITY		2.1
HEAT AGEING 70 hrs @ 250°C		
HARDNESS CHANGE, POINTS	+10	+4.5
TENSILE STRENGTH CHANGE %	-25	-11
ELONGATION CHANGE %	-25	-12
COMPRESSION SET 22 hrs @ 175°C %		
	50	19.4
FLUID RESISTANCE, FUEL C. 70 hrs @ 23°C		
HARDNESS CHANGE, POINTS	-5/+5	-4
TENSILE STRENGTH CHANGE %	-25	-11
ELONGATION CHANGE %	-20	-9
VOLUME CHANGE %	+10	+2
FUEL RESISTANCE, OIL #3. 70 hrs @ 150°C		
HARDNESS CHANGE, POINTS	+5/-10	+3
TENSILE STRENGTH CHANGE %	-45	-9
ELONGATION CHANGE %	-45	-8
VOLUME CHANGE %	0/+25	+2

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

Issue Date: 10.01.2013