



MATERIAL DATA SHEET

Material ref: FK8048

Description: 75 duro fluoroelastomer/Green

Meets: ASTM D2000 M2HK810A1-10B38EF31EO78

Z1: 75 +/-5, Z2: Green

Typical Properties

	Test Method	Unit of Measure	Nominal Value	Obtained Value
Hardness	ASTM D2240	Shore A	75 +/-5	72
Tensile Strength	ASTM D 412C	Mpa	10 min	10.7
Ult. Elongation	ASTM D412C	%	150 min	230
Specific Gravity	ASTM D297	G/cm3		2.14
Compression Set 22hrs @ 200C	ASTM 395B	%	20 max	11
Air Aging 70 hrs @ 250C	ASTM D573			
Hardness Change		Shore A	+10 max	+5
Tensile Change		%	-25 max	+7
Elong. Change		%	-25 max	-18
Fluid Resistance Fuel C	ASTM D471 70hrs @ 23C			
Hardness Change		Shore A	+/-5	-2
Tensile Change		%	-25 max	-13
Elong. Change		%	-20 max	-9.50
Vol. Change		%	+10 max	+8
Oil Aging Service Fluid 101	ASTM D471 70hrs @ 200C			
Hardness Change		Shore A	+5/-15	-9
Tensile Change		%	-40 max	-31
Elong. Change		%	-20 max	-3.5
Vol. Change		%	+15 max	+9.2