

Data Sheet: FFKM8701

MATERIAL: PERFLUOROELASTOMER 60 SHORE

For General use offering Universal Chemical Resistance.

COLOUR: BLACK

GENERAL SERVICE TEMPERATURE RANGE: -10°C to 230°C continuous (260°C Peak)

PHYSICAL PROPERTIES	TEST METHOD	TEST RESULT
HARDNESS SHORE A	ASTM D2240	57
TENSILE STRENGTH, N/mm ²	ASTM D412	13
ELONGATION, %	ASTM D412	220
MODULUS 100%, N/mm ²	ASTM D412	2
COMPRESSION SET		
70 hrs @ 200°C%	ASTM D395/B	36
LOW TEMPERATURE FLEXIBILITY		
TR-10°C	ASTM D1329	-2
FLUID RESISTANCE OVERVIEW		
VOLUME CHANGE, %	ACIDS	<10
VOLUME CHANGE, %	KETONES	<10
VOLUME CHANGE, %	ESTERS	<10
VOLUME CHANGE, %	ETHERS	<10
VOLUME CHANGE, %	ALKALIS	<10

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

Issue Date: 17.12.2014