

Data Sheet: FFKM3352

MATERIAL: PERFLUOROELASTOMER 75 SHORE

FFKM 75 Shore A peroxide, white, with broad chemical resistance

Used as a standard compound in a variety of applications

Meets the extractive requirements of: FDA 21CFR177.2600 & 177.2400, EC 1935/2004 (UE N°10/2011 regulation)

Temperature resistance from -10°C to +230°C

PHYSICAL PROPERTIES	TEST METHOD	REQUIRED	TEST RESULT
HARDNESS SHORE A	ISO 868	75±5	78
TENSILE STRENGTH, MPa	ISO 37		19.2
ELONGATION, %	ISO 37		211
MODULUS 100%	ISO 37		7.6
COMPRESSION SET			
70 hrs @ 200°C %	ASTM D395		13
LOW TEMPERATURE FLEXIBILITY			
TR-10°C	ASTM D1329		-3
H2SO4 98%			
VOLUME CHANGE %			0.1
H3PO4 40%			
VOLUME CHANGE %			0.1
ACETIC ACID 30%			
VOLUME CHANGE %			0.2
NAOH 40%			
VOLUME CHANGE %			0.1
MEK 100% @ 66°C			
VOLUME CHANGE %			0.7
TOLUENE 100% @ 93° C			
VOLUME CHANGE %			0.1
ACETONE 100% @ 93°C			
VOLUME CHANGE %			1.4
ISOPROPYL ALCOHOL @ 93°C			
VOLUME CHANGE %			1.5
ACETONITRILE 100% @93°C			
VOLUME CHANGE %			0.4
ETHYL ACETATE 100% @149°C			
VOLUME CHANGE %			1.3
ETHYLENE OXIDE 100% @93°C			
VOLUME CHANGE %			1.6
STEAM 200°C			
VOLUME CHANGE %			0.1

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

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