

Technical Data Sheet - A-Type FKM Fluorocarbon

Compound: 75FBR

Customer:

Part Number:

Material Spec: 2HK715 A1-10 B36 EF31 EO78 F15

Test Items	Unit	Spec.	Value	Test Method	
Original Properties	Hardness Shore A	Point	75±5	74	D2240
	Tensile Strength	psi	1500 Min	1697	D412
	Elongation	%	175 Min	196	
A1-10 Heat Aged Properties 70 hours @ 250°C	Hardness Change	Point	10 Max	2	D573
	Tensile Change	%	-25 Max	-15	
	Elongation Change	%	-25 Max	-12	
B36 Compression Set 22 hours @ 150°C	%	50 Max	11	D395B	
Fluid Resistance IRM #3 Oil 70 hours @ 150°C	Volume Change	%	10 Max	2	D471
EF31 Fluid Resistance Fuel C 70 hours @ 23°C	Hardness Change	Point	±5	-3	D471
	Tensile Change	%	-25 Max	1	
	Elongation Change	%	-20 Max	-12	
	Volume Change	%	0/10	6	
EO78 Fluid Resistance Service Liquid 101 70 hours @ 200°C	Hardness Change	Point	-15/5	-10	D471
	Tensile Change	%	-40 Max	-10	
	Elongation Change	%	-20 Max	-5	
	Volume Change	%	0/15	11	
F15 Low Temperature Resistance 3 minutes @ -25°C	Bend Test	Visual	Non-Brittle	Pass	D2137

Test data on file. Unless otherwise noted, tests are performed on standard test specimens. Results on actual parts may vary.

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