



FKM 75 O-RING MATERIAL

MATERIAL SPECIFICATION SHEET

Original Properties	Test	Specifications	ASTM Method
Hardness, Shore A	77	75 +/-5	D 2240
Tensile Strength, min, MPa	12.5	10	D 412
Elongation, min, %	195	150	D 412
Heat Resistance at 250°C for 70hrs			D 573
Hardness Change, max, points	+1	+10	
Tensile Change, max, %	-3	-25	
Elongation Change, max, %	-11	-25	
Compression Set, Method B			D 395
22 hrs at 200°C, max, %	14	15	
Fuel C Resistance, 70hrs at 23°C			D 471
Hardness Change, Points	-4	+/-5	
Tensile Change, max, %	-22	-25	
Elongation Change, max, %	-15	-20	
Volume Change, %	+3	0 to +10	
Blend 7700 Resistance, 70hrs at 200°C			D 471
Hardness Change, points	-8	-15 to +5	
Tensile Change, max, %	-26	-40	
Elongation Change, max, %	-18	-20	
Volume Change, max, %	+18	+25	
Low Temperature Resistance			D 2137
Non brittle after 3 mins at -25°C	Pass	Pass	



ISO 9001:2015 Q93057 ISO 14001:2015 EMS 505718

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