



FKM 70 DURO O-RING MATERIAL

MATERIAL SPECIFICATION SHEET

FKM 70 Duro Black; compound No. V7001B

PHYSICAL PROPERTIES	REQUIREMENT	TEST RESULTS
Property		
Press Cure @170°C x 10min		
Post Cure @230°C x 24 hrs		
Hardness, Shore A	70+/-5	70
Tensile Strength, MPa, min	10	12.0
Elongation, %, min	175	229
Specific Gravity		1.813
Heat Aging @250°C x 70hrs		
Hardness Change, Points	+10	+2
Tensile Strength Change, %	-25	0
Elongation Change, %	-25	-9
Compression Set		
Curing Conditions		
Press Cure @170°C x 20min		
Post Cure @230°C x 24hrs		
Heat Aging @175°C x 22hrs, % max	50	7
Fuel C Oil Immersion @RT x 70hrs		
Hardness Change, Points	+/-5	-5
Tensile Strength Change, %	-25	-24
Elongation Change, %	-20	-11
Volume Change, %	0 to +10	+3



ISO 9001:2015 Q93057 ISO 14001:2015 EMS 505718

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