

NITRILE 40

SPECIFICATION - ASTM D2000 M2BG410 B14 EA14 EF11 EF21 Z1	Test	Spec	ASTM Method
Original Properties			
Hardness, shore A	40	40+/-5	D 2240
Tensile Strength, min, MPa	11	10	D 412
Elongation, min, %	718	450	D 412
Specific Gravity	1.19		D 297
Heat Resistance, 70 hrs at 100°C			D 573
Hardness Change, points	+6	+/- 15	
Tensile Change, %	+19	+/- 30	
Elongation Change, max %	-6	-50	
Compression Set, Method B			D 395
22 hrs at 100 deg c, max, %	13	25	
Water Resistance, 70 hrs at 100°C			D 471
Hardness Change, points	+4	+/-10	
Volume Change, %	+10	+/- 15	
Fuel A Resistance, 70 hrs at 23°C			D 471
Hardness Change, points	+1	+/-10	
Tensile Change, max %	-2	-25	
Elongation Change, max, %	-8	-25	
Volume Change, %	0	-5/+10	
Fuel B Resistance, 70 hrs at 23°C			D 471
Hardness Change, points	-11	0/-30	
Tensile Change, max, %	-50	-60	
Elongation Change, max, %	-41	-60	
Volume Change, %	+20	0/+40	

The above data is obtained through our own laboratory testing on slabs and buttons and als D2137