



MATERIAL DATA SHEET

Material ref: N2260

Description: 60 duro nitrile

Meets: ASTM D2000 M2BG614 A14B14C20EO14EO34F17

Typical Properties

	Test Method	Unit of Measure	Nominal Value	Obtained Value
Hardness	ASTM D2240	Shore A	60+/-5	63
Tensile Strength	ASTM D412	Mpa	>14	14.8
Ult. Elongation	ASTM D412	%	>300	310
Compression Set 22hrs @ 100C	ASTM 395B	%	25 max	16
Oil Aging ASTM 1 Oil 70 hrs @ 100C	ASTM D471			
Hardness Change		Shore A	-5 to +10	+6
Tensile Change		%	-25 max	+15
Elong. Change		%	-45 max	-25
Vol. Change		%	-10 to +5	-4
Oil Aging ASTM 3 Oil 70 hrs @ 100C	ASTM D471			
Hardness Change		Shore A	-10 to +5	-4
Tensile Change		%	-45 max	-5
Elong. Change		%	-45 max	-18
Vol. Change		%	0 to +25	+5
Low Temperature Brittleness	ASTM D2137 3 min @ -40C		no cracks	pass

DATA IS DERIVED FROM ASTM SLABS AND BUTTONS