



MATERIAL DATA SHEET

Material ref: E1270

Description: 70 duro Ethylene Propylene

Meets: ASTM D2000 M3DA 710 A26 B36 EA14

Typical Properties

	<u>Test Method</u>	<u>Unit of Measure</u>	<u>Nominal Value</u>	<u>Obtained Value</u>
Hardness	ASTM D2240	Shore A	70+/-5	73
Tensile Strength	ASTM D 412C	n/mm2 (Mpa)	>11	13.5
Ult. Elongation	ASTM D412C	%	>250	270
Specific Gravity	ASTM D1817	G/cm3	1.08+/-0.02	1.08
Compression Set 70hrs @ 100C	ASTM 395B	%	<30	10
Air Aging 70 hrs @ 100C	ASTM D573			
Hardness Change		Shore A	0 to +10	+1
Tensile Change		%	>-25	+6
Elong. Change		%	>-25	+5
H2O 70hrs @ 100C	ASTM D471			
Hardness Change		Shore A	+/-5	-1
Tensile Change		%		nil
Elong. Change		%		nil
Volume Change		%	+/-5	-0.6
Low Temperature	ASTMD2137	Degrees C	-40	pass

NOTE: E1270 IS A PEROXIDE CURED MATERIAL

*Data is derived from ASTM test slabs and buttons
Not on actual parts*