



MATERIAL DATA SHEET

Material ref: E1070

Description: 70 duro Ethylene Propylene/sulfur cure
Typical Properties

Meets: ASTM D2000 M3BA710 A14 B13 C12 F17

	Test <u>Method</u>	Unit of <u>Measure</u>	Nominal <u>Value</u>	Obtained <u>Value</u>
Hardness	ASTM D2240	Shore A	70+/-5	73
Tensile Strength	ASTM D 412C	n/mm2 (Mpa)	>12	12.8
Ult. Elongation	ASTM D412C	%	>200	330
Specific Gravity	ASTM D1817	G/cm3	1.12+/- .02	1.12
Compression Set 70hrs @ 70C	ASTM 395B	%	<25	13
Compression Set 70hrs @ 100C	ASTM 395B	%	<45	35
Air Aging 70 hrs @ 100C	ASTM D573			
Hardness Change		Shore A		+3
Tensile Change		%		+5
Elong. Change		%		-19
Volume Change		%		-1
Distilled Water 70hrs @ 100C	ASTM D471			
Hardness Change		Shore A	0 to +5	0
Tensile Change		%	+/-20	+2
Elong. Change		%	+/-30	-12
Volume Change		%	+/-5	-0.6

*ALL TEST DATA IS BASED ON ASTM SLABS AND BUTTONS
NOT ON FINISHED PARTS*