



MATERIAL DATA SHEET

Material ref: E1073

Description: 70 duro Ethylene Propylene/sulfur cure

Meets: ASTM D2000 M4CA 710 A25 B35 C32 EA14 F19

Z1—FDA MATERIAL, Z2—NSF61 APPROVED

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	70
Tensile Strength	ASTM D 412C	n/mm2 (Mpa)	>10	13
Ult. Elongation	ASTM D412C	%	>200	370
Specific Gravity	ASTM D1817	G/cm3	1.14+/-0.02	1.14
Compression Set				
22 hrs @ 125C	ASTM 395B	%	< +70	66
70hrs @ 100C	ASTM 395B	%	<50	48
Air Aging	ASTM D865			
70 hrs @ 125C				
Hardness Change		Shore A	0 to +10	+5
Tensile Change		%	<-20	+3
Elong. Change		%	<-40	-38
H2O	ASTM D471			
70hrs @ 100C				
Hardness Change		Shore A	+/-5	+1
Low Temperature	ASTMD2137	Degrees C	-55	pass

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