



MATERIAL DATA SHEET

Material ref: E1255

Description: EPDM/70 Durometer/Peroxide Cure

Meets: ASTM D2000 M3DA710 A26 B36 C32 EA14 F19

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	71
Tensile Strength	ASTM D 412C	PSI	1450 MIN	1567
Ult. Elongation	ASTM D412C	%	200 min.	202
<u>Compression Set</u> 22 hours at 150 C	ASTM 395B	%	25	18.9
Heat Resistance 70hrs @ 150C	ASTMD865			
Hardness Change		Shore A	+10	+3
Tensile Change		%	-20	-3.5
Elong. Change		%	-20	-1.7
Ozone Resistance	50PPHm, 20% stretch 70 hrs @ 40C		No cracks	No cracks
Low Temperature Resistance	-55C X 180 DEGREE BEND X 3 MINUTES		No Cracks	No Cracks

*DATA IS DERIVED FROM ASTM SLABS AND BUTTONS
NOT ACTUAL PARTS*