



**MATERIAL DATA SHEET**

Material ref: E1275

Description: EPDM/75 Durometer/Peroxide Cure

Meets: ASTM D2000 M3DA714 A26 B36 C32 F19 EA14 G21 R11

Typical Properties/ASTM Slabs and Buttons

	Test <u>Method</u>	Unit of <u>Measure</u>	Nominal <u>Value</u>	Obtained <u>Value</u>
<b>Hardness</b>	ASTM D2240	Shore A	75+/-5	77
<b>Tensile Strength</b>	ASTM D 412C	MPA	14 min.	16.6
<b>Ult. Elongation</b>	ASTM D412C	%	200 min.	281
<b>Compression Set</b> 22 hours at 150C	ASTM 395B	%	25 max	13
<b>Heat Resistance</b> <b>70hrs @ 125C</b>	ASTMD865			
Hardness Change		Shore A	+10	+5
Tensile Change		%	-20	-3.5
Elong. Change		%	-20	-13.6
<b>Ozone Resistance</b>	50PPHm, 20% stretch 70 hrs @ 40C		No cracks	pass
<b>Low Temperature Resistance</b>	-55C X 180 DEGREE BEND X 3 MINUTES		No Cracks	pass
<b>Water Resistance</b> <b>70 hrs @ 100C</b>	ASTMD471			
Volume change, %			+/-5	+3.1
<b>Tear Resistance</b> <b>Die C, min, kN/m</b>	D624		17 min	35
<b>Resilience</b> <b>in Compression</b> <b>(%)</b>	D945		60 min	65