

### Technical Data Sheet

Compound: EP70 – EPDM (Ethylene Propylene Diene Monomer)

Colour: Black

Complies with: ASTM D2000 M2BA710 A14 B13 F19

	<u>Required</u>	<u>Tested</u>
<u>Mechanical Properties</u>		
Shore Hardness (Sh.A):	70	71
Tensile Strength (MPa):	10	14
Elongation at Break (%):	250	385
Specific Gravity:	n/a	1.19
<u>Thermal Properties</u>		
Operating Temperature Range (°C):	n/a	- 45to +145
Compression Set Test @ 70°C for 22 Hours (%):	25	13
Heat Resistance Test @ 100°C X 70 Hours		
Hardness Change Points:	± 15	+3
Tensile Strength Change (%):	± 30	+1
Elongation Change (%):	- 50	-9
Low Temperature Brittleness Test @ -55°C X 3 Min	Pass	Not Brittle