

## NEOPRENE 90

SPECIFICATION – ASTM D2000 M4BC910 A14 B14 EO14 EO34	Test	Spec
<b>Physical Properties</b>		
<b>Press Cure at 170°C for 10 mins</b>		
Hardness, shore A	88	90 +/-5
Tensile, strength, MPa	10.8	10
Elongation, %	152	250
Specific Gravity	1.443	
<b>Heat Ageing at 100°C for 70 hrs</b>		
Hardness change, points	+2	+15
Tensile strength change, %	+4	-15
Elongation Change, %	+1	-40
<b>Compression Set</b>		
<b>Heat Ageing at 100°C for 22 hrs</b>	10	35
<b>Fluid Resistance, test method No.1 oil at 100°C for 70 hrs</b>		
Hardness change, points	+4	+/-10
Tensile strength change, %	-12	-30
Elongation Change, %	-5	-30
Volume Change, %	-5	-10/+15
<b>Fluid Resistance, test method No.3 oil at 100°C for 70 hrs</b>		
Tensile strength change, %	-42	-45
Elongation change, %	-27	-30
Volume change, %	+41	+80

The above data is obtained through our own laboratory testing on slabs and buttons and als D2137