



MATERIAL DATA SHEET

Material ref: P5570

Typical Properties

Meets: ASTM D2000 M3DH708 A26B36EO16EO36F13

	Test Method	Unit of Measure	Nominal Value	Obtained Value
Hardness	ASTM D2240	Shore A	70+/-5	73
Tensile Strength	ASTM D 412C	Mpa	8	8.4
Ult. Elongation	ASTM D412C	%	100	165
Specific Gravity	ASTM D1817	G/cm3		1.34
Compression Set 22hrs @ 150C	ASTM 395B	%	50 max	12
Air Aging 70 hrs @ 150C	ASTM D865			
Hardness Change		Shore A	+/-10	4
Tensile Change		%	-25 max	1
Elong. Change		%	-30 max	6
Oil Resistance ASTM #1 oil 70 hrs @ 150 C	ASTM D471			
Hardness Change		Shore A	+/-10	-5
Tensile Change		%	-20 max	4
Elong. Change		%	-30 max	6
Volume change		%	+/-5	-3
Oil Resistance ASTM #3 Oil 70 hrs @ 150 C	ASTM D471			
Hardness Change		Shore A	-15 max	-6
Tensile Change		%	-30 max	6
Elong. Change		%	-30 max	4
Volume change		%	+25 max	7
Low Temp Testing 3 minutes @ -10C Non-brittle after 3 minutes	ASTM D2137			Pass

DATA DERIVED FROM ASTM SLABS AND BUTTONS