



**MATERIAL DATA SHEET**

Material ref: FS7260

Description: 60 duro Fluorosilicone/Blue

Meets: ASTM D2000 M2FK 606 A19EO36EF31F19

Typical Properties

	Test Method	Unit of Measure	Nominal Value	Obtained Value
<b>Hardness</b>	ASTM D2240	Shore A	60+/-5	62
<b>Tensile Strength</b>	ASTM D412	Mpa	>6	6.8
<b>Ult. Elongation</b>	ASTM D412	%	>150	231
<b>Specific Gravity</b>	ASTM D1817	G/cm3	1.47+/-0.02	1.47
<b>Heat Resistance</b>	ASTM D573 70hrs @ 225C			
Hardness Change		Shore A	+15 max	+3
Tensile Change		%	-45 max	-25
Elong. Change		%	-45 max	-19
<b>Fluid Resistance</b>	ASTM D471			
<b>IRM903 oil</b>	70 hrs @ 150C			
Hardness Change		Shore A	0 to -10	-3
Tensile Change		%	-35 max	-20
Elong. Change		%	-30 max	-14
Vol. Change		%	0 to +10	+4
<b>Fuel Resistance</b>				
<b>Fuel C</b>	ASTM D471			
Hardness Change	70 hrs @ 23C	Shore A	0 to -15	-13
Tensile Change		%	-60 max	-45
Elong. Change		%	-50 max	-33
Vol. Change		%	0 to +25	+22
<b>Low Temperature Brittleness</b>				
Non-brittle	3 min. @ -55 C			Pass

DATA IS DERIVED FROM ASTM SLABS AND BUTTONS