



**MATERIAL DATA SHEET**

Material ref: AF9070

Description: 70 duro Aflas/Black  
Typical Properties

	<u>Test Method</u>	<u>Unit of Measure</u>	<u>Nominal Value</u>	<u>Obtained Value</u>
<b>Hardness</b>	ASTM D2240	Shore A	70+/-5	74
<b>Tensile Strength</b>	ASTM D 412C	Mpa	>12	14
<b>Ult. Elongation</b>	ASTM D412C	%	240min	255
<b>Specific Gravity</b>	ASTM D297	G/cm3	1.63+/-0.03	1.63
<b>Compression Set</b> 22hrs @ 200C	ASTM 395B	%	30 max	28
<b>Air Aging</b> 70 hrs @ 250C	ASTM D573			
Hardness Change		Shore A	+10 max	+4
Tensile Change		%	-25 max	-15
Elong. Change		%	-30 max	-24
<b>Oil Aging</b> <b>ASTM 3 Oil</b> 70 hrs @ 150C	ASTM D471			
Hardness Change		Shore A	+/-5	-2
Tensile Change		%		-5
Elong. Change		%		+5
Vol. Change		%		+5

Continued.....



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Page 2 of 2

<b>Fuel C</b>	ASTM D471		
Hardness Change	70 hrs @ 23C	Shore A	-8
Tensile Change		%	-22
Elong. Change		%	-25
Vol. Change		%	+12

<b>Fuel Vapor</b>	ASTM D471		
Hardness Change	168hrs at 160C	Shore A	-3
Tensile Change		%	-9
Elong. Change		%	-16
Vol. Change		%	+4

**Low Temperature**

**Resistance**

TR10	ASTM D1329	Degrees C	-4
Brittleness	ASTM D746	Degrees C	-40