

### Technical Data Sheet

Compound: AF70 (Aflas TFE/P)

Colour: Black

	<u>Required</u>	<u>Tested</u>
<u>Mechanical Properties</u>		
Shore Hardness (ShA):	70 ± 5	72
Tensile Strength (MPa):	14	17.9
Elongation at Break (%):	175	271
Specific Gravity:	n/a	1.861
<u>Thermal Properties</u>		
Operating Temperature Range (°C):	n/a	-10 to +200
Compression Set Test: 175°C for 22 Hours (%):	+50	+11
Heat Resistance Test: 100°C for 70 Hours		
Hardness Change Points:	+10	+3
Tensile Strength Change (%):	-25	-1
Elongation Change (%):	-25	-7
Fuel C Oil Immersion Test: Room Temp for 70 hours		
Hardness Change Points:	+/-5	-2
Tensile Strength Change (%):	-25	-7
Elongation Change (%):	-20	-12
Volume (%):	0~+10	+5