

Data Sheet: AFLAS70

MATERIAL: AFLAS 70 SHORE

COLOUR: BLACK

GENERAL SERVICE TEMPERATURE RANGE: -9°C to 204°C

SPECIFICATION: ASTM D2000 M2HK714 A1-10 B37 EF31

PHYSICAL PROPERTIES	REQUIREMENT	TEST RESULT
HARDNESS SHORE A	70+/-5	72
TENSILE STRENGTH, MPa	14	17.9
ELONGATION %	175	271
SPECIFIC GRAVITY		1.861

HEAT AGEING 70 hrs @ 250°C

HARDNESS CHANGE, POINTS	+10	+3
TENSILE STRENGTH CHANGE %	-25	-1
ELONGATION CHANGE %	-25	-7

COMPRESSION SET

22 hrs @ 175°C %	50	11
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FLUID RESISTANCE, ASTM No.3.OIL 70 hrs @ 150°C

HARDNESS CHANGE, MAX pts	+/-5	-2
TENSILE STRENGTH CHANGE %	-25	-7
ELONGATION CHANGE %	-20	-12
VOLUME CHANGE %	+/-10	+5

The above test results are based on test slabs / buttons. The results from the actual parts may be different.

Issue Date: 27.05.2011