

Data Sheet: AFLAS80

MATERIAL: AFLAS 80 SHORE

COLOUR: BLACK

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

SPECIFICATION: ASTM D2000 M2 M2EK810 Z1 Z2

PHYSICAL PROPERTIES	REQUIREMENT	TEST RESULT
HARDNESS SHORE A	80+/-5	84
TENSILE STRENGTH, Min, psi	1450	2750
ELONGATION, %	100	165
SPECIFIC GRAVITY		1.64
HEAT AGEING 70 hrs @ 200°C (Z1)		
HARDNESS CHANGE, POINTS		+4
TENSILE STRENGTH CHANGE, %		-5
ELONGATION CHANGE, %		-20
COMPRESSION SET		
22 hrs @ 200°C, % (Z2)		11
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.

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