

Nimax Seals

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Compound : Viton 75 (FKM / FPM / Fluorocarbon)

Color : Black

Complies with : ASTM D2000 M2 HK 710 A1-10 B38 EF31 EO78 Z1
Hardness Shore A 75 ±5

Physical Properties

Operating Temperature range: -15°C to + 200°C peaks up to 250°C

The vulcanization is effected

At the temperature of 177°C. for a period of 7 minutes with slabs 2 mm thickness

At the temperature of 177°C. for a period of 15 minutes with specimen 29mm diameter 12.5mm height

Post cure 24h at 230°C

Property	Test Method	U.m.	Measured Value
Hardness	ASTM D 2240	Shore A	79 Z1
Density	ASTM D 792	gr / cm ³	1.88
M100	ASTM D 412 C	Mpa	7
Tensile Strength	ASTM D 412 C	Mpa	12.9
Elongation at break	ASTM D 412 C	%	180
Tear Strength	ASTM D 624 B	N/mm	32
Compression set – 22 hrs @ 200°C	ASTM D 395-B	%	11.5
Brittle Point	ASTM D 2137	°C	-10
Resistance to Ozone	ASTM D 1149	(*)	OK

(*) After 72 hrs at 40°C. with ozone concentration of 50 PPHM and elongation of 20%