



Scheda prodotto – Product data sheet

rev. 01 – 11/02/19

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Rubber Compound FKM 75 – G7 Labbro

Codice n° – Code n°. 302718

ASTM D2000 M2 HK 710 A1-10 B18 B38 EF31 EO78 Z1

Z1 = Durezza Shore A 75 ±5 – Hardness Shore A 75 ±5

Parametric di vulcanizzazione provini	Specimens Vulcanization parameters
Lastre spessore 2 mm: 177°C per 7 minuti	Slab 2 mm thickness: 177°C. for a period of 7 minutes
Bottoni diametro 29 mm spessore 12.5 mm 177°C per 15 minuti	Buttons diameter 29 mm thickness 12.50 mm 177°C. for a period of 15 minutes
Bottoni diametro 13 mm spessore 6 mm 177°C per 15 minuti	Buttons diameter 13 mm thickness 6 mm 177°C. for a period of 15 minutes
Post vulcanizzazione: 24 ore a 230°C	Post-cure cycle : 24 hours at 230°C

Physical Properties

Temperatura di utilizzo: –15°C a +200°C		Operating temperature range: –15°C to +200°C		
Proprietà	Property	Test Method	Units	Measured Value
Durezza	Hardness	ASTM D 2240	Shore A	78 Z1
Densità	Density	ASTM D 792	g/cm ³	1.890
M100	M100	ASTM D 412 C	MPa	7
Carico a rottura	Tensile strength	ASTM D 412 C	MPa	12.5
Allungamento a rottura	Elongation at break	ASTM D 412 C	%	185
Resistenza a Lacerazione	Tear strength	ASTM D 624 B	N/mm	32
Brittle point	Brittle point	ASTM D 2137	°C	-10
TR Test TR10	TR Test TR10	ASTM D 1329	°C	-16
Compression set SOLID 22 hrs @ 200°C	Compression set SOLID 22 hrs @ 200°C	ASTM D 395 B	%	12
Compression set PILED 22 hrs @ 200°C	Compression set PILED 22 hrs @ 200°C	ASTM D 395 B	%	15
Ozone Resistance 72 hrs – 40°C – 50pphm – 20% Elong.	Resistenza all'Ozono 72 hrs – 40°C – 50pphm – 20% Elong.	ASTM D 1149	-	No crack

Change in properties after ageing

Test conditions ASTM D 573 (Aria – Air) / ASTM D 471 (Fluidi – Fluids)

Ambiente Medium	Tempo Time	°C	Durezza Hardness	Δ Tensile Strength	Δ Elong. At break	Δ Volume	Δ Weight
Aria - Air	70	250	+2	-10	-10	-	-
IRM 903	70	150	-1	-	-	+2	+1.2
FUEL C	70	23	-2	-9	-2	+2.5	+1.3
FLUID 101	70	200	-8	-25	+17	+11.5	+5.5

Date	Revision	Details of changes
11/02/19	01	Update values and Change data sheet format
17/10/05	00	First Edition

I dati riportati sono suscettibili di variazioni che GAPI riterrà di apportare per migliorare le caratteristiche del prodotto. Documentazione non soggetta ad aggiornamento.

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