



Scheda prodotto – Product data sheet

rev. 08 – 19/06/18

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Rubber Compound EPDM 70 – D6

Codice n° – Code n°. 303702

Vulcanizzazione: Zolfo – Cured: Sulphur

ASTM D2000 M5 CA 710 A25 B15 C32 EA14 F18 G21

Parametri 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

Physical Properties

Temperatura di utilizzo: -55°C a +100°C	Operating temperature range: -55°C to +100°C
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Proprietà	Property	Test Method	Units	Measured Value
Durezza	Hardness	ASTM D 2240	Shore A	71
Densità	Density	ASTM D 792	g/cm ³	1.130
M100	M100	ASTM D 412 C	MPa	1.7
Carico a rottura	Tensile strength	ASTM D 412 C	MPa	11
Allungamento a rottura	Elongation at break	ASTM D 412 C	%	300
Resistenza a lacerazione	Tear strength	ASTM D 624 B	N/mm	35
Brittle point	Brittle point	ASTM D 2137	°C	-54
TR Test TR10-30-50-70	TR Test TR10-30-50-70	ASTM D 1329	°C	-37 -22 -14 -7
Glass transition Tg (DSC)	Glass transition Tg (DSC)	ASTM D 3418	°C	-45
Compression set 22 hrs @ 100°C	Compression set 22 hrs @ 100°C	ASTM D 395 B	%	28
Compression set 22 hrs @ 125°C	Compression set 22 hrs @ 125°C	ASTM D 395 B	%	35
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	100	+4	-3	-20	-	-
Aria - Air	70	125	+5	+4	-40	-	-
DIST. WATER	70	100	-1	+10	+5	+2.5	+2

Date	Revision	Details of changes
19/06/18	08	Change data sheet format
06/03/14	07	Updated values

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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