

EPDM 270288

EPDM elastomer for food, beverage and pharmaceutical industries

Compound :	EPDM 70 Sh Black 270288
Elastomere :	Ethylene propylene diene monomer
Case Hardening Temperature :	-40°C/+145°C
Color :	Black
License/Certificate :	<ul style="list-style-type: none"> • USP Class VI 121°C • USP <381> • ACS • WRAS • KTW D1/D2, W270 • CE 1935/2004 • 3A 18-03 class II • FDA 177.2600 • ADI Free



Let us infuse our knowledge and products with your ideals

Description :	- This compound meet the criteria of the FDA, Title 21, Paragraph 177.2600, as a direct contact material with food and pharmaceutical product and also meets the requirements of the 3A Sanitary Standards
	- This compound has also been tested and certified by Toxikon Laboratory to be in compliance with the Criteria of the US Pharmacopeia, Class VI Biological Test for Plastics.

Properties	Unit	Norme	Value
Hardness Shore A	Point	ASTM D2240	72
Tensile Strength	Mpa	ASTM D412	13.5
Ultimate Elongation	%	ASTM D412	210
Modulus 100%	Mpa	ASTM D412	4
Compression set 24h@125°C	%	ASTM D395 B	12
Heat Ageing 70h@125°C		ASTM D573	
- Hardness change shore A	Point		0
- Tensile strength change	%		+4
- Ultimate elongation change	%		+3
EA14 Water Resistance 70h@100°C		ASTM D471	
-Hardness change	Point	Point	-3
-Tensile strength change	%	%	-5
-Ultimate elongation change	%	%	0
-Volume Change	%	%	+1

The above information corresponds to our current knowledge and is offered solely to provide possible suggestions for your own experimentations. It is not intended to substitute any testing you may need to conduct to determine suitability of our products for your end use. Elastotech SA makes no warranties and assumes no liability in connection with any use of the above information.

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