

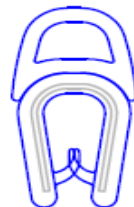


TECHNICAL DATA SHEET

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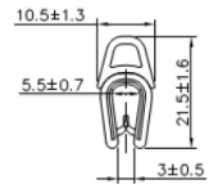
MATERIAL SAFETY DATA SHEET



1011-18-20

6191629

Technical Data Sheet



Part number: 1011-18

Name of compounds: Sponge rubber (Sponge Rubber to 1011-018 PN), PVC 70 Shore A, black (Hard PVC to 1011-18 PN), PVC 55 Shore A, natural (Soft PVC to 1011-18 PN)

Description of the compounds: EPDM compound for extrusion in continuous strip, black, sulphur cure system and plasticized PVC.

This product is conform to RoHS, WEEE and REACH regulations

Temperature range: - 20°C to +90°C

Test	Norm	Result			Unit
		Sponge Rubber	Hard PVC	Soft PVC	
Density (measured in finished product)	DIN EN ISO 1183	0.70 ± 0.07	1.3 ± 0.2	1.18 ± 0.2	g/cc
Hardness	DIN ISO 7619		70 - 72	54 - 55	Shore A
Modulus at 100% elongation	DIN 53504	2.13	5.2	3.6	MPa
Tensile Strength	DIN 53504	8.57	15 - 15.6	11 - 11.5	MPa
Elongation maximum	DIN 53504	411	410	350	%
Tear resistance	DIN 53507	4.51			N / mm
Compression set 22 hr/ 70°C	DIN ISO 815	10			%
Compression set 72 hr/100°C	DIN ISO 815	46			%
Heat Aging 70Hrs@100°C					
Hardness change		+ 5	± 10	± 10	Points
Tensile change		- 34	± 30	± 30	%
Elongation change		- 41.6	± 30	± 30	%
Performance in finished product					
Pull off force (sheet plate 1,5 mm)			>70		N/ 100 mm
Flammability test (< 100 mm / min)	FMVSS N° 302		16.1 - 18		mm / minute

Remarks: Physical properties were obtained on plate or button cured/molded in press: 45 min /150°C (sponge rubber) , except density this test is checked in finished product (on the profile).

Version: 07
Done: 19-02-19

All indications and recommendations do not engage us, and are indications only, not avoiding you to do reception testing (incoming inspection), in order to see if it fits your needs. Only the user is responsible for its use.