

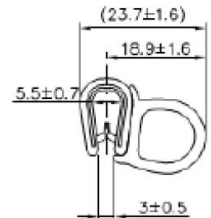
TECHNICAL DATA SHEET

Date –May 2019

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Compound:
Sponge rubber ,PVC 70 Shore A, black (Hard PVC), PVC 55 Shore A, natural (Soft PVC)

EPDM compound for extrusion in continuous strip, black, sulphur cure system and plasticized PVC.



Test	Norm	Result			Unit
		Sponge Rubber	Hard PVC	Soft PVC	
Rheology					
ML m (1+4) 100°C	DIN 53523	34.8			M U
Mv 2000 – Scorch 125°C	DIN 53523				
ML					M U
T5					Minutes
MDR 2000-30'/180°C/0.5	DIN 53529				
ML		7.88			dNm
MH		45.86			dNm
Ts2					Minutes
T10		0.84			Minutes
T50					Minutes
T90		1.99			Minutes
Physical Properties					
Density (measured in finished product)	DIN EN ISO 1183	0.65 ± 0.07	1.3 ± 0.2	1.18 ± 0.2	g/cc
Hardness (measured in finished product)	DIN 7619		68—70	51—53	Shore A
Modulus at 100% elongation	DIN 53504	2.13	5.2	3.6	MPa
Tensile Strength		8.57	15.9	11.8	MPa
Elongation Maximum	DIN 53504	411	365	309	%
Tear Resistance	DIN 53 507	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			±10	±10	Points
Tensile Change		-34	±30	±30	%
Elongation change		-41.6	±30	±30	%
Performance in finished product					
Pull of test (sheet plate 1.5mm)			>70		N/100mm
Flammability test (<100mm/min)	FMVSS N° 302		11.5 – 12.8		Mm/minute

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