



Datasheet
Stock No: 1011-17

ENGLISH

TECHNICAL DATA SHEET

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Compound: strip, black, sulphur cure system and plasticized PVC	
EPDM compound for extrusion in continuous strip, black, sulphur cure system and plasticized PVC.(Sponge rubber and PVC to 1011-17 PN)	

Test	Norm	Result			Unit
		Sponge Rubber	Hard PVC	Soft PVC	
Rheology					
ML m (1+4) 100°C	DIN 53523	42.4			M U
Mv 2000 – Scorch 125°C	DIN 53523				
ML					M U
T5					Minutes
MDR 2000-30'/180°C/0.5	DIN 53529				
ML		8.65			dNm
MH		50.92			dNm
Ts2					Minutes
T10		0.60			Minutes
T50					Minutes
T90		1.79			Minutes
Physical Properties					
Density (measured in finished product)	DIN EN ISO 1183	0.80 ± 0.07	1.3 ± 0.2	1.18 ± 0.2	g/cc
Hardness (measured in finished product)	DIN 7619		69—71	52—54	Shore A
Modulus at 100% elongation	DIN 53504	2.39	5.2	3.6	MPa
Tensile Strength		10.98	15.9	11.8	MPa
Elongation Maximum	DIN 53504	474	365	320	%
Tear Resistance	DIN 53 507	6.03			N/mm
Compression set 22 hr/ 70°C	DIN ISO 815	8.0			%
Compression set 72 hr/ 100°C	DIN ISO 815	51.1			%
Heat Aging 70Hrs@100°C					
Hardness Change			±10	±10	Points
Tensile Change		-16.84	±30	±30	%
Elongation change		-26.62	±30	±30	%
Performance in finished product					
Pull of test (sheet plate 1.5mm)			>70		N/100mm
Flammability test (<100mm/min)	FMVSS N° 302		16.4 – 17.9		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)