

Technical Data Sheet



Südbadische Gummiwerke

Compound: 152.30

Polymer: EPDM

Certification: EN 681 WC

Temperature Range -50°C to 125°C

Comment: RoHS-compliant
 Color: black
 Cross linking system: Sulphur vulcanization

description	standard	unit	tolerance	it
Hardness	DIN ISO 7619-1	Shore A	29 ± 3	30
	DIN ISO 48	IRHD		
Density	DIN EN ISO 183-1	g/cm ³	1,10 ± 0,03	1,10
Rebound resilience test	DIN 53 512	%	≥ 30	47
Tensile strength	DIN 53 504 S2	MPa	≥ 9,0	11,9
Modulus 100 %		MPa		1,5
Modulus 200 %		MPa		3,8
Modulus 300 %		MPa		6,2
Elongation at break		%	≥ 400	461
Tear strength	DIN ISO 34 Meth. A	N/mm		6,4
	DIN ISO 34-1 Meth. B with notch			15,4
Compression set 22 h / 70°C 70 h / 23°C	DIN ISO 815	%	≤ 20,0	9,0
				6,3
Rheology (170°C) T10 T90	DIN 53 529	min	0,29 – 0,60	0,45
			2,37 – 4,92	3,47
Shrinkage CM TM		%		
throughput		%		73,9

Heating time: 8 / 12 min Tempering required: no
 Heating temperature: 170°C Time / Temperature:
 Fresh air / recirculation:

Main Features Polymer: Ethylene – Propylene – Dien - Rubber
 Very good resistance to heat, high temperatures and ozone
 High resistance to permanent deformation
 Very good resistance to steam up to 150°C
 Not resistance to petroleum products (oils, greases, fuels)

History of changes:

Index	Date	Reason
a	02.10.2013	Acquisition of data into new template

The values are based on measurements of samples and the properties are only indicative. The use of rubber in different media, temperatures and applications can be found binding only after an individual examination for the specific purpose / article.

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