

Material

75 EPDM 168348

black

cross linking: peroxidic

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Physical properties		required	actual	
Density DIN EN ISO 1183-1		1.12 ±0.02	1.12	g/cm ³
Hardness DIN ISO 7619-1		75 ±5	76	Shore
Micro hardness DIN ISO 48 Verfahren M		75 +5/-8	74	IRHD
Rebound resilience DIN 53512		---	34	%
Modulus 100 %, DIN 53504, S2		---	11.1	MPa
Tensile strength DIN 53504, S2		---	11.8	MPa
Elongation at break DIN 53504, S2		---	115	%
Compression set DIN ISO 815, 22 h, 100 °C		---	15	%
Low Temperature ISO 11357-2, DSC		---	-50	°C
Temperature range	-40°C to 150°C			

Certificates	Country	Part	Remark	Expires	unlimited
(EG) 1935/2004	EU		food		<input checked="" type="checkbox"/>
(EG) 2023/2006 (GMP)	EU		(EG) 2023/2006 (GMP)		<input checked="" type="checkbox"/>
3-A Sanitary ADI Free	USA	Seals	Class II	12 / 2017	<input type="checkbox"/>
FDA	USA	Seals	§ 177.2600		<input checked="" type="checkbox"/>
RoHS			2015/863/EU and 2011/65/EU		<input checked="" type="checkbox"/>

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No ASTM D2000 properties available

Temperature-range: - 40 °C to 150 °C Application in water and water vapor to 130 ° C It is appropriate to the application in VE- water to max. 100°C

The given values are based on a limited number of tests on standard test pieces (2mm sheets) produced in the laboratory. The data from finished parts can deviate from above values depending on the manufactories process and the component geometry.

The data represents our present empirical values. It is incumbent on the person placing the order to examine whether it is suitable for its intended purpose, before using the product. All questions regarding the guarantee of this product are in line with our terms and conditions, inasmuch as statutory provisions do not plan for something else.

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