

Material 70 EPDM 335

black

cross linking: peroxidic

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Physical properties	nominal range	typical values	
Density DIN EN ISO 1183-1, 23 °C	1.09 ±0.02	1.08	g/cm ³
Hardness DIN ISO 7619-1, Shore A, 23 °C	70 ±5	73	Shore
Modulus 100 %, DIN 53504, S2, 23 °C	---	7.1	MPa
Tensile strength DIN 53504, S2, 23 °C	> 15	21.4	MPa
Elongation at Break DIN 53504, S2, 23 °C	> 170	203	%
Compression set DIN ISO 815, B, 24 h, 150 °C, 25 %	< 20	11	%
Low Temperature ISO 11357-2, DSC	---	-50	°C
Temperature range	-40°C to 150°C		

Specific characteristic and limitations for the use in food contact are set out in the corresponding declaration of conformities.

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 manufacturing 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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Declarations of conformity

	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	USA	Seals	Class II	12 / 2018	<input type="checkbox"/>
ACS	F	Seals		08 / 2020	<input type="checkbox"/>
ADI Free					<input checked="" type="checkbox"/>
Arrete 9.Nov 1994	F	Seals	food		<input checked="" type="checkbox"/>
FDA	USA	Seals	§ 177.2600		<input checked="" type="checkbox"/>
NSF 61	USA	Seals	Hungary		<input checked="" type="checkbox"/>
ÖNORM B 5014	A	Seals	Platten/Halbzeuge Weinheim	09 / 2021	<input type="checkbox"/>
ÖNORM B 5014	A	Seals	RFN Kufstein	09 / 2021	<input type="checkbox"/>
RoHS			Restricted substances in electrical and electronic equipment		<input checked="" type="checkbox"/>
UBA Leitlinie	D	Seals	Estonia	06 / 2019	<input type="checkbox"/>
UBA Leitlinie	D	Seals	Hungary	06 / 2019	<input type="checkbox"/>
UBA Leitlinie	D	Seals	Kufstein	06 / 2019	<input type="checkbox"/>
UBA Leitlinie	D	Seals	Platten/Halbzeuge Weinheim	09 / 2021	<input type="checkbox"/>
UBA Leitlinie	D	Seals	Reichelsheim	06 / 2019	<input type="checkbox"/>
UBA Leitlinie	D	Seals	RFN Kufstein	09 / 2021	<input type="checkbox"/>
W270	D	Seals		04 / 2019	<input type="checkbox"/>
WRAS BS 6920	GB	Seals	85 °C	04 / 2020	<input type="checkbox"/>

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