

Material 70 EPDM 331

black

cross linking: peroxidic

75 +/- 5 Shore A at the test slab

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Physical properties	required	actual	
Density DIN EN ISO 1183, 23 °C	1.09 ±0.02	1.09	g/cm ³
Hardness DIN ISO 7619-1, Shore A, 23 °C	75 ±5	75	Shore
Modulus 100 %, DIN 53504, S2, 23 °C	> 6.5	8	MPa
Tensile strength DIN 53504, S2, 23 °C	> 10	13.6	MPa
Elongation at Break DIN 53504, S2, 23 °C	> 150	174	%
Compression set DIN ISO 815, B, 24 h, 150 °C, 25 %	< 20	11	%
Compression set DIN ISO 815, B, 70 h, 150 °C, 25 %	< 25	17	%

Certificates	Country	Part	Remark	Expires	unlimited
(EG) 1935/2004	EU		food		☒
(EG) 2023/2006 (GMP)	EU		(EG) 2023/2006 (GMP)		☒
ACS	F	O-Ring	Drinking water	10 / 2021	☐
ADI Free					☒
AS/NZS 4020:2005	AUS	O-Ring	Drinking water	01 / 2022	☐
DIN EN 681	D	O-Ring			☒
FDA	USA	Seals	§ 177.2600		☒
KTW Elastomerleitlinie		O-Ring	surface treated	06 / 2021	☐
NSF 61	USA	O-Ring	Drinking water	11 / 2021	☐
ÖNORM B 5014	A	O-Ring	Oberwihl (D) & Castello Calepi (IT)	09 / 2021	☐
RoHS			2015/863/EU and 2011/65/EU		☒
UBA Leitlinie	D	O-Ring	Oberwihl (D) & Castello Calepi	09 / 2021	☐

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			(IT)		—
W270	D	O-Ring	Drinking water	09 / 2021	☐
WRAS	GB	O-Ring	Drinking water	01 / 2022	☐

Temperature range: - 40 °C to 150 °C

The given values are based on a limited number of tests on standard test pieces (2mm sheets). 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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