

Material 70 EPDM 331

black

cross linking: peroxidic

75 +/- 5 Shore A at the test slab

print date	revision index	revision date	page	1/2
10/4/2017	3	9/9/2016		

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	%

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	USA	Seals	Class II	12 / 2017	<input type="checkbox"/>
ACS	F	O-Ring	Drinking water	10 / 2021	<input type="checkbox"/>
ADI Free					<input checked="" type="checkbox"/>
AS/NZS 4020:2005	AUS	O-Ring	Drinking water	01 / 2022	<input type="checkbox"/>
DIN EN 681	D	O-Ring			<input checked="" type="checkbox"/>
FDA	USA	Seals	§ 177.2600		<input checked="" type="checkbox"/>
KTW		O-Ring	surface treated	06 / 2021	<input type="checkbox"/>
NSF 51	USA	O-Ring	food		<input checked="" type="checkbox"/>
NSF 61	USA	O-Ring	Drinking water		<input checked="" type="checkbox"/>
ÖNORM B 5014	A	O-Ring	Oberwihl (D) & Castello Calepi (IT)	09 / 2021	<input type="checkbox"/>
RoHS			2015/863/EU and 2011/65/EU		<input checked="" type="checkbox"/>
UBA Leitlinie	D	O-Ring	Oberwihl (D) & Castello Calepi (IT)	09 / 2021	<input type="checkbox"/>

Freudenberg
Freudenberg Sealing Technologies
Global Material Technology
Wolfgang Becker

Phone: +49 (0)6201/80-2893
Fax: +49 (0)6201/88-2893
Email: wolfgang.becker@FST.com



Material 70 EPDM 331

black

cross linking: peroxidic

75 +/- 5 Shore A at the test slab

print date	revision index	revision date		page	2/2
10/4/2017	3	9/9/2016			
Certificates	Country	Part	Remark	Expires	unlimited
W270	D	O-Ring	Drinking water	09 / 2021	<input type="checkbox"/>
WRAS BS 6920	GB	O-Ring	Drinking water	01 / 2022	<input type="checkbox"/>

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.

Freudenberg
Freudenberg Sealing Technologies
Global Material Technology
Wolfgang Becker

Phone: +49 (0)6201/80-2893
Fax: +49 (0)6201/88-2893
Email: wolfgang.becker@FST.com

