

AVK GUMMI A/S

Mosegaardsvej 1

DK-8670 Laasby



Datasheet

Compound ID EBF-85

Physical properties

Rubber type			EPDM
Colour			Black
Hardness	ISO 48-4	ShA	81 ± 3
Tensile strength	ISO 37	Mpa	16 ± 2
Elongation at break	ISO 37	%	150 ± 20
M100	ISO 37	Mpa	10,7 ± 1,6
Tear strength	ISO 34-1 C	N/mm	23 ± 3
Density	ISO 2781	g/ml	1,19 ± 0,01

Compression set

4 °C / 24 h, 25 %, 0,5 min	ISO 815	%	27 ± 4
100 °C / 24 h, 25 %, 30 min	ISO 815	%	6 ± 1

Field of application

Wear resistance			Good
Temperature (dry atmospheric air)		°C	-40–150
Weather and ozone			Excellent
Hydrolysis			Excellent
Chemicals (acid/base)			Good
Oil			Poor
Gas impermeability			Poor

The given results are based on laboratory tests and must be evaluated for the specific articles and applications.

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Compliance status

3A Sanitary Standard Class II (Low Fat)

EC 1935/2004

FDA 21 CFR 177.2600

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Regulatory compliance

ADI free	Do not contain any substances originating from humans or animals.
Bisphenols	Do not contain Bisphenols as described in 1895/2005/EEC. BPA, BADGE, BFDGE, NOGE
Conflict materials	In accordance with US Law: "Dodd Frank Wall Street Reform & Consumer Protection Act", sec 1502, of 21.07.2010.
GMP	Good Manufacturing Process in accordance with 2023/2006 EC
Hazardous materials	Do not contain any hazardous substances as described in the Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships, 2009
ODS	Do not contain Ozone Depleting Substances. In accordance with the Regulation EC 1005/2009 OF EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 16 SEPTEMBER 2009 and Regulation EC 2037/2000 OF EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 29 JUNE 2000.
Pthalates	Do not contain pthalates
REACH	In accordance with regulation EC 1907/2006. Do not contain any substances above 0.1% (w/w) from: The Candidate List of Substances of Very High Concern, Annex XVII
RoHS	In accordance with the Directives 2011/65/EC, RoHS 2, and 2015/863/EC, RoHS 3, of The European Parliament and of the Council.

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Issued by

A handwritten signature in black ink, appearing to read 'Esben Øster'.

R&D Manager
Esben Øster