

AVK GUMMI A/S

Mosegaardsvej 1

DK-8670 Laasby



Datasheet

Compound ID	NGW-70
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Physical properties

Polymer type			NBR
Colour			Black
Hardness	ISO 48-4	ShA	73 ± 3
Tensile strength	ISO 37	Mpa	16 ± 2
Elongation at break	ISO 37	%	330 ± 50
M100	ISO 37	Mpa	5,2 ± 0,8
Tear strength	ISO 34-1 C	N/mm	36 ± 5
Density	ISO 2781	g/ml	1,25 ± 0,01

Compression set

23 °C / 72 h, 25 %, 30 min	ISO 815	%	4 ± 1
70 °C / 24 h, 25 %, 30 min	ISO 815	%	5 ± 1

Field of application

Wear resistance	Good
Temperature (dry atmospheric air)	°C -40–110
Weather and ozone	Fair
Hydrolysis	Good
Chemicals (acid/base)	Fair
Oil	Excellent
Gas impermeability	Good

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

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Compliance status

ACS XP P 41-250 (1/2/3) 23 °C

AS/NZS 4020 20 °C

EN 549:2019 Seals, Class H3 (>60-90 IRHD), Class B2 (-20 to +80 °C)

EN 682 GBL

GB/T 23658 Product

Polycyclic aromatic hydrocarbons (PAHs) Contains PAHs restricted by REACH Annex XVII entry 50. Not suitable for direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity.

Skin Sens. 1/1A/1B Contains skin sensitizing substances of category 1, 1A, or 1B under Part 3 of Annex VI to Regulation (EC) No 1272/2008 above the generic concentration limit. Short-term exposure may slightly irritate skin. Long-term repeated exposure may lead to skin allergy.

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Regulatory compliance

Bisphenols	Do not contain Bisphenols as described in Regulation (EC) No 1895/2005: BPA, BADGE, BFDGE and NOGE.
BSE/TSE-free	Compliant with Regulation (EC) No 1069/2009 on animal by-products and the associated implementing Regulation (EU) No 142/2011.
Conflict Minerals	Do not contain Tin, Tantalum, Tungsten and Gold in accordance with US Law: "Dodd Frank Wall Street Reform & Consumer Protection Act", Sec. 1502 of 21.07.2010 and with Regulation (EU) No 2017/821. Additionally, Cobalt and Mica are not contained.
Food Allergens	The food allergen substances listed in Regulation (EU) No 1169/2011 Annex II are not intentionally added to our rubber compounds.
GMP	Manufactured in compliance with Good Manufacturing Practice according to Regulation (EC) No 2023/2006 (as amended).
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 Regulation (EC) No 1005/2009.
Phthalates	Do not contain phthalates including but not limited to those listed in Entries 4-7, 33-39, and 44-46 of Annex XIV and in Entries 51 and 52 of Annex XVII to REACH Regulation (EC) No 1907/2006.
REACH	In accordance with Regulation (EC) No 1907/2006. Do not contain any substances above 0.1% (w/w) from The Candidate List of Substances of Very High Concern.
RoHS	In accordance with the Directives 2011/65/EC (RoHS 2) and 2015/863/EC (RoHS 3).

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TSCA Do not contain any of the five persistent, bioaccumulative, and toxic (PBT) chemicals restricted under the Toxic Substances Control Act (TSCA) Section 6(h), 15 U.S.C. §2605(h): PIP (3:1), DecaBDE, 2,4,6-TTBP, HCBP and PCTP.

Waste Framework Directive In accordance with Directive 2008/98/EC and Directive (EU) 2018/851. Do not contain Substances of Very High Concern in a concentration above 0.1% (w/w). Therefore, there is no obligation to submit information to the SCIP database.

Issued by

A handwritten signature in black ink, appearing to read 'Esben Øster', is written over a light grey background.

R&D Manager

Esben Øster