

DATAARK / OVERENSSTEMMELSESERKLÆRING

Datasheet / declaration

SILIKONE PROFILER	
SILICONE RUBBER PROFILE GENERAL PURPOSE	
Materiale:	Silicone Rubber Profile 30 – 80 SH.A. Food Approved
Properties / directives:	EU1935/2004 – 2023/2006 – 2002/72 FDA 177.600 The material is according to Reach and RoHS
Temperature Range:	-60C to 230C and up to 250C intermittent
Specifications:	Our colour range has been tested to and is in compliance with: American Food and Drugs Administration (FDA) 21 CFR 177-2600 BFR XV Empfehlung and colour bleed test according to BFR Empfehlung part B 11 Directive EC 1935/2004. Translucent, Blue, White, Red and Black have been approved by WRAS (Water Regulations Advisory Service) for use with potable water at temperatures up to 85°C (185°F). The listing number is 1310541. These products meet the flammability requirements of FAR 25/JAR 25/CS 25 Appendix F, Part 1, (a)(1)(iv) and (a)(1)(v) horizontal flammability tests and Automotive Standard PART 571FMVSS302.
Environment resistance:	Silicone rubber products have an excellent resistance to ozone, oxidation, ultraviolet light, corona discharge, cosmic radiation, ionising radiation and weathering in general.
Typical applications:	Automotive, Domestic & Commercial Catering, Construction, Electronics, Energy, Food & Beverage, Heating and Ventilation (HVAC), Industrial, Lighting Marine
Colours:	Rio, black, white, blue, transparent, grey and green.
Disclaimer:	The information given and, in particular, any parameters, should be used for guidance purpose only. The Company does not give any warranty that the product will be suitable for the use intended by the Costumer. We reserve the right to make alternations of the data and the properties of the material without notice

Technical data:							
Property	Units						
Hardness*	Shore A	30	40	50	60	70	80
Tensile Strength**	Mpa (psi)	8.0 (1150)	9.0 (1300)	10.5 (1525)	11.5 (1670)	11.0 (1595)	10.0 (1450)
Elongation to Failure **	%	500	625	550	500	500	450
Tear Strength ***	N/mm (lb./in.)	16.0 (91)	23 (130)	25 (143)	26 (148)	30 (172)	29 (166)
Compression Set 24 hours @ 150C****	%	23	21	15	13	16	18
* DIN ISO 7619-1	** ISO 37 type 2	*** ASTM D624 die B		**** DIN/ISO 815 type B			

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