

TEKNISK SPESIFIKASJON

MATERIAL: 8169		POLYMER: EPDM	
<u>Physical properties</u>	<u>Unit</u>	<u>Value</u>	<u>Standard</u>
Hardness	° Shore A	60±5	ASTM 2240
	°IRHD	60±5	ISO 48
Tensile strength	min MPa	7,0	ISO 37
Elongation at break	min %	500	ISO 37
Tear strength	min N/mm	25	ISO 34 C
Density, approximately	Mg/m ³	1,3	
Compression set			ISO 815
24h/70° C:	max %	20	
24h/100° C:	max %	60	
Working temperature range	° C min/max	-40 / +100*	
Ageing change in	h/ °C	72 / 100	ISO 188
- hardness:	°IRH	+5	
- tensile strength:	max %	-10	
- elongation at break:	max %	-30	
Volume change in liquid			SS-ISO 1817
- Distilled water 168 h/ 100 °C:	max %	6	
Ozone resistance			SS 162210
- 30° C/ 50 pphm/ 96 h:	min % elong.		
- 30° C/ 200 pphm/96 h:	min % elong.	>80	
Colour			Black
Electrical properties			Antistatic
Electric volume resistivity	Ohm x m	7 x 10E6	IEC 93
Electric strength	k V		
Burning rate	mm/min	3,42	FMVSS 302
Durability:			
Water			Excellent
Diluted acids and bases			Good
Conc. acids and bases			Bad
Oil resistance			Bad

* The material can shortly be exposed to 120° C.

