

Datasheet
Neopreen

MATERIAL: 3932		POLYMER: CR / SBR	
Physical properties	Unit	Value	Standard
Hardness	° Shore A	60±5	ASTM 2240
	° IRHD	60±5	ISO 48
Tensile strength	min MPa	5,0	ISO 37
Elongation at break	min %	300	ISO 37
Tear strength	min N/mm	15	ISO 34 C
Density, approximately	Mg/m ³	1,6	
Compression set			ISO 815
24h/70°C:	max %	30	
24h/100°C:	max %	45	
Working temperature range	°C min/max	-25 / +100	
Ageing change in	h/ °C	72 / 100	ISO 188
- hardness:	° IRHD	+10	
- tensile strength:	max %	-20	
- elongation at break:	max %	-30	
Volume change in liquid			SS-ISO 1817
- SIS B 72 h/ 23°C:	max %	+40	
- ASTM / SIS 1 72 h/ 100°C:	max %		
- IRM 903 72 h/ 100°C:	max %	+100	
- Distilled water 168 h/ 100°C:	max %		
Ozone resistance			SS 162210
- 30°C/ 50 p phm/ 96 h:	min % elong.	>25	
- 30°C/ 200 pphm/96 h:	min % elong.		
Colour		Black	
Electrical properties		Insulating	
Electric volume resistivity	Ohm x m k V	4x10E9	IEC 93
Electric strength			
Durability:			
Water		Good	
Diluted acids and bases		Excellent	
Conc. acids and bases		Moderate	
Oil resistance		Good	