

## TEKNISK SPESIFIKASJON

MATERIAL: 5136, According to FDA		POLYMER: NBR	
Physical properties	Unit	Value	Standard
Hardness	° Shore A	65±5	ASTM 2240
	°IRHD	65±5	ISO 48
Tensile strength	min MPa	10	ISO 37
Elongation at break	min %	500	ISO 37
Tear strength	min N/mm	20	ISO 34 C
Density, approximately	Mg/m <sup>3</sup>	1,4	
Compression set 24h/70° C:	max %	30	ISO 815
Working temperature range	° C min/max	-30 / +85	
Ageing change in	h/ °C	72 / 100	ISO 188
- hardness:	°IRH	+10	
- tensile strength:	max %	-10	
- elongation at break:	max %	-20	
Volume change in liquid			SS-ISO 1817
- SIS B 72 h/ 23 °C:	max %	+35	
- ASTM / SIS 1 72 h/ 100 °C:	max %		
- IRM 903 72 h/ 100 °C:	max %	-15	
- Distilled water 168 h/ 100 °C:	max %		
Colour			White
Electrical properties			Insulating
Electric volume resistivity	Ohm x m	3x10E10	IEC 93
Electric strength	k V	-	
Discolouring			SS162207
- Contact A		0	
- Contact B		0	
- Migration		0	
Durability:			
Water			Good
Diluted acids and bases			Moderate
Conc. acids and bases			Bad
Oil resistance			Good

Material 5136 has no taste and no smell.

