

Datasheet
SBR

MATERIAL: 1729	POLYMER: SBR / NR
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Physical properties	Unit	Value	Standard
Hardness	° Shore A	70±5	ASTM 2240
	° IRHD	70±5	ISO 48
Tensile strength	min MPa	4,0	ISO 37
Elongation at break	min %	200	ISO 37
Tear strength	min N/mm	15	ISO 34 C
Density, approximately	Mg/m ³	1,5	ISO 815
Maximum load	Kg/cm ²	20	
Compression set 24h/70°C:	max %	40	ISO 815
	24h/100°C: max %	-	
Working temperature range	°C min/max	-15 / +80	ISO 188
Ageing	h/°C	168 / 70	
change in			
- hardness:	° IRHD	+10	
- tensile strength:	max %	±10	
- elongation at break:	max %	-40	
Colour		Black	
Electrical properties		Insulating	
Electric volume resistivity	Ohm x m	9x10E13	IEC 93
Electric strength		11 kV/3 mm	
Durability:			
Water		Good	
Diluted acids and bases		Good	
Conc. acids and bases		Bad	
Oil resistance		Bad	