



## TECHNICAL SPECIFICATION

<b>MATERIAL: 510</b>	<b>POLYMER: NR</b>
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<b>Physical properties</b>	<b>Unit</b>	<b>Value</b>	<b>Standard</b>
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Hardness	° Shore A	40±5	ASTM 2240
	°IRHD	40±5	ISO 48

Tensile strength	min MPa	20,0	ISO 37
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Elongation at break	min %	600	ISO 37
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Tear strength	min N/mm	15	ISO 34 C
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Abrasion, wet, 1 kg load	max mm <sup>3</sup>	110	DIN 53516
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Density, approximately	Mg/m <sup>3</sup>	1,0	
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Compression set			ISO 815
24h/70° C:	max %	30	
24h/100° C:	max %	-	

Working temperature range	° C min/max	-50 / +80	
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Ageing	h/ °C	72 / 70	ISO 188
change in			
- hardness:	°IRH	+5	
- tensile strength:	max %	-15	
- elongation at break:	max %	-20	

Colour	Black
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Electrical properties			Insulating
Electric volume resistivity	Ohm x m	2x10E14	IEC 93
Electric strength	k V		

Durability:		
Water		Excellent
Diluted acids and bases		Excellent
Conc. acids and bases		Moderate
Oil resistance		Bad

Elastomer Laminates