

## EPDM Sponge Cord

Colour: Black

Temperature Range: -40°C to 100°C

Properties	Method	Unit	Specification	Obtained Value	
<b>Samples Evaluation</b>				Salts	UHF/ Air
Density		g/dm <sup>3</sup>	500 – 600	510	500
Compression Set (24h at 40°C)		N/mm <sup>2</sup>	<=30	11	17
Low-Temperature Flexibility (5h at 40°C)		%	No Cracks	PASS	PASS
Ozone Resistance (70h at 20%)		IDM 2	No Cracks	PASS	PASS
Hardness	ASTM D 2240	ShA		15*	
Specific Gravity	ISO 2781 A	g/cm <sup>3</sup>		0.536	
Tensile Strength	ISO 37 – TIPO 1	N/mm <sup>2</sup>		2.3	
Elongation at Break	ISO 37 – TIPO 1	%		388	
Modulus at 100%	ISO 37 – TIPO 1	N/mm <sup>2</sup>		0.7	
Compression Set (22h at 23°C)	ISO 815 A	%		24	
Tear Resistance	ISO 34-1 C	N/mm		13.4	
<b>Ozone Resistance (70h, 40% Elongation at 40°C, 50 pphm O3)</b>				No Cracks	

Properties	Method	Unit	Obtained Value
<b>Air Conditioning (70h at 70°C)</b>			
Hardness	ISO 188 B	ShA	+11
Tensile Strength	ISO 188 B	%	+26
Elongation at Break	ISO 188 B	%	-43
Volume	ISO 188 B	%	-0.4
Weight	ISO 188 B	%	-0.3

Properties	Method	Unit	Obtained Value
<b>Air Conditioning (70h at 100°C)</b>			
Hardness	ISO 188 B	ShA	+10
Tensile Strength	ISO 188 B	%	-13
Elongation at Break	ISO 188 B	%	-64
Volume	ISO 188 B	%	-1
Weight	ISO 188 B	%	-1