

### MAIN CHARACTERISTICS:

- » Electrically conductive
- » Platinum vulcanised
- » Mechanical features are almost the same over the entire temperature range [-50°C to 180°C]
- » Resistant to UV (radiation) and ozone (non-aging)
- » Resistant to many chemicals
- » Great compression set
- » Very good fire resistance
- » No toxic combustion gases
- » Free of plasticiser

### WHERE TO USE:

- Automotive industry
- Rail industry
- Energy industry
- Aircraft & space technology industries
- Sanitary technologies
- Household appliances
- Heat protection devices

### APPLICATION TEMPERATURE:

From -50°C to 180°C

### QUALITIES:

FEATURE	STANDARD	EC 50	EC 60	EC 70
Hardness (Shore A)	DIN 53505 DIN EN ISO868	50±5	60±5	70±5
Density (g/cm <sup>3</sup> )	DIN 53479 ISO/R 1183	1.13	1.15	1.17
Tensile strength (MPa)	DIN 53504 ISO/DIS 37	6.0	6.0	6.0
Elongation at break (%)	DIN 53504 ISO/DIS 37	350	250	200
Tear strength (N/mm)	ASTM D624B	12	14	12
Compression set (%)	DIN ISO 815 (22h/175°C)	25	30	30
Dielectric strength	VDE 0303	12	7	2
Operation temperature (°C)		-50 / +180	-50 / +180	-50 / +180
Colour		black		

The provided information comes from the testing and internal knowledge. It is supposed to represent the characteristics of the product. Yet it shouldn't be used as the end use specification, as the provided data are typical values. One should be aware that the actual testing if the material suits the desired application is to be done by the customer. Any suggestions as to where the material can be used are for guidance only and are not subject to warranty or guarantee. Subject to change without notice.