



## Technical data sheet

Type	Solid	<b>SIGP 50</b>	Colour	translucent, white, blue, red, black
Type of elastomer	silicone			
Temperature range	-60°C to 230°C short time to 250°C			
Hardness	50 ± 5 ShA			
Compression set	15% 24 h/150°C			
Tensile strength	9,0 MPa			
Elongation at brake	450%			
Tear strength	18 N/mm			
Brittle point	- 80 °C			
Thermal conductivity	0,24 W/m.K			
Dielectric strength	23 kV/mm			
Volume resistivity	$3 \times 10^{15} \Omega \cdot \text{cm}$			
Ozone resistance	very good			
Resistance AIR+UV	very good			
Flammability	meets requirements of FAR 25/JAR 25/CS 25 Appendix F, Part 1, (a)(1)(iv) and (a)(1)(v) horizontal flammability test and Automotive Standard PART 571MVSS302			

- FDA 21 CFR 177-2600 compliant
- BfR compliant
- EU 1935/2004
- WRAS compliant GP 40 70 only
- REACH compliant and ROHS compliant