



Silicone elastomers			
Properties	Unit	Range	Tolerances / Remarks
Temperature resistivity	° C	≤ 200	280 °C at < 30 Minutes
Thermal conductivity	W / (m*K)	0.2 - 1.3	
Hardness	Shore A	3 - 80	
Electrical conductivity	Ω/□	10 ⁴ - 10 ¹²	
Compression set	%	3 - 15	at 22 hrs., 175 °C and 25% deformation
Tensile strength	N/mm	≤ 45	
Elongation at break	%	70 - 600	
Density	g / cm ³	1.0 - 2.6	
Surface roughness Rz	μm	ground: 0.4 - 3.2; mold-finished: 0.4 - 0.8 0.005	
Coating thicknesses	mm	- 30	