

RUBBER COMPOUND: SILICONE

Features	Performance
Resistance to permanent deformation	Low
Tear resistance	Low
Abrasion resistance	Low
Heat aging resistance	High
UV rays resistance	High
Ozon resistance	High
Springback effect	Medium
Glass transition resistance	- 120°C
Heat resistance	Very high
Cold temperature resistance	Very high
Flame resistance	High
Adhesion to substrates	Low
Resistance to aliphatic-based fluids	Low
Resistance to aromatic-based fluids	Low
Resistance to mineral oils	from Low to Medium
Resistance to vegetal and animal oils	Medium
Water swell resistance	Medium
Gas impermeability	Medium
Electrical resistivity	Very high
Temperature range	From -90 to +250 °C
Toxicity and chemical reactivity	Low
Optical transparence	High
Cheapness	Medium

