

## Silicone Compound

Sleeve it Ltd offer a mixing service of Silicone compounds that can be supplied in sheet form for use in manufacture of composite structures. We can offer any quantity you require; precatylised with peroxide or Platinum catalyst. Any colour and most grades available ex stock.



Specially formulated uncured silicone sheet for use as an intensifier in composite manufacture. Material will significantly increase mould pressure resulting in improved consolidation of end component. The material is supplied in sheet form and is available in a range of thicknesses, colours and hardness.

**Type:** Mixed silicone compound

**Colours:** White, Transparent, Translucent Green (high temp)

Grade	Standard Grade	High Temperature
Continuous Operating Temp °C	180	230
Max Short Term Temp °C	250	290
Tensile Strength (cured) N/mm <sup>2</sup>	10	10
Elongation to break (cured) %	425	425
Tear Strength (cured) N/mm	20	20
Standard Shore Hardness	60, 70 & 80	
Standard Thickness	6mm	6mm
Storage	Room Temperature	Room Temperature
Shelf life @ Room Temp.	6 months	6 months
Vulcanisation conditions	10 min @ 125°C	10 min @ 125°C