

Softtherm 6000



- Low Hardness
- Elastic
- Good again behavior
- Good handling
- Excellent thermal behavior

Applications

- DC-DC converter, power tools
- Electric Vehicles
- High energy rechargeable batteries

Properties	Unit	Softtherm 6000
Colour		pink
Basic material		silicone
Thermal Properties		
Thermal resistance R_{th}	K/W	0.41
Thermal conductivity λ	W/mK	6.0
Electrical Properties		
Breakdown voltage $U_{d,ac}$	kV	8
Dielectric breakdown $E_{d,ac}$	kV/mm	8
Mechanical Properties		
Measured thickness (+/-10%)	mm	1.000
Hardness	Shore 00	55-75
Physical Properties		
Application temperature	°C	-40 to +200
Density	g/cm ³	3.18
Flame rating	UL-94	V-0
Possible thickness	mm	TBD

Measured @ thickness 1mm