

### DATASHEET: DSG Silicone Rubber Sheet

#### DESCRIPTION:

Silicone Rubber Sheet 1200x10000mm -> 12 M2  
 Color Red  
 In thickness 1-1.5-2-3-4-5-6mm

#### TECHNICAL INFO:

	VALUE	
Hardness	60 Shore A +/- 5	DIN 53505
Specific Gravity( Density )	1.15-1.20	DIN 53479
Tensile Strength	7.0 MPA	DIN 53504
Tear Strength	20 N/mm	ASTM D624 FORM B
Elongation at Break	450%	DIN 53504
Brittle Temperature	-73°C	
Max Operating Temperature Range	-60°C to 220°C	
Rebound Resilience +/-10	30%	DIN 53512
Compression Set (70 Hr. @ 150°C) +/-10%	40%	DIN 53517
Heat Ageing (72Hrs @ 200°C)		
Hardness Change	+25 Max	
Tensile Change	-40% Max	
Elongation Change	-30% Max	

#### ELECTRICAL

Volume Resistivity, CM	10-15
Dielectric Strength KV/mm ( 1mm thick Sample )	23
Dissipation Factor, TAN (50hz)	40X 10-4
Dielectric Constant (50hz)	2.9

#### THERMAL:

Thermal Conductivity, Watts/KM	0°-90°C	0.15
	90°-260°C	0.17 Max

SHEET THICKNESS TOLERANCES GENERALLY TO BS3734 CLASS E2:

NOMINAL ABOVE	DIMENSION UP TO	VALUES IN MM +/-
0.3	0.8	0.10
0.8	2.5	0.20
2.5	4.0	0.25
4.0	6.3	0.35
6.3	10.0	0.40