

**MOSITES #14284 Thermally Conductive Silicone**

Mosites #14284 is a 60 Durometer, thermally conductive silicone rubber sheet.

The physical properties shown below were obtained on 0.080 inch thick molded ASTM samples. They are typical of Mosites #14284, thermally conductive, silicone rubber compound, but they should not be used to set Quality Control Specification minimum requirements.

<b><u>Typical Physical Properties</u></b>	
Hardness (Shore A).....	62
Tensile Strength (psi).....	500
Elongation at Break (%).....	310%
Modulus at 100% Elongation (psi).....	290
Modulus at 300% Elongation (psi).....	480
Tear Strength (ppi).....	73
Specific Gravity.....	2.55
Compression Set (%)..... (22 Hours at 350°F)	29%
Color.....	Light Blue
Thermal Conductivity	
(W/mK).....	0.74
(BTU in/h/ft <sup>2</sup> /°F).....	5.12