

MOSITES #14248 Maroon Silicone

Mosites #14248 Maroon is a 50 durometer high strength silicone compound that meets the requirements of ZZR-765-C, Class IIIB, Grade 50. It is available in cured and uncured roll form in all standard thicknesses and in widths up to 72 inches.

The compound has been fabricated into flat vacuum blankets by Mosites Rubber Company in sizes of 12 feet wide, by 33 feet long in standard thicknesses. It has excellent resistance to compression set and has been used to manufacture shaped, inflatable pressure bags for applications requiring critical dimensional stability. The product has a service temperature range of -100°F to +450°F.

The physical properties shown below were obtained on molded 0.080 inch thick ASTM samples. They are typical of Mosites #14248 Maroon, but they should not be used to set Quality Control Specification minimum requirements.

<u>Typical Physical Properties</u>	
Hardness (Shore A).....	51
Tensile Strength (psi).....	1300
Elongation at Break (%).....	600%
Modulus at 300% Elongation (psi).....	600
Tear Strength (ppi).....	250
Specific Gravity.....	1.17
Compression Set (%)..... (22 Hours at 350°F)	15%
Color.....	Maroon