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Typical Physical Properties on Mosites #14287 Silicone

The physical properties shown below were obtained on 0.080 inch thick molded ASTM samples. They are typical of Mosites #14287 silicone rubber compound, but they should not be used to set Quality Control Specification minimum requirements.

Hardness (Shore A).....	78
Tensile Strength (psi).....	968
Elongation at Break (%).....	213%
Modulus at 100% Elongation (psi).....	520
Tear Strength (ppi).....	85
Compression Set (%).....	21% (22 hours at 350°F)
Specific Gravity.....	1.24

Mosites #14287 is a 75 durometer silicone rubber compound designed to fabricate stiff pressure distribution pads or caul sheets. It has excellent retention of physical properties after exposure to the high pressures and elevated temperatures encountered in autoclave cure cycles.