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Typical Physical Properties on Mosites #1453 Silicone

The physical properties shown below were obtained on 0.080 inch thick molded ASTM samples. They are typical of Mosites #1453 silicone rubber compound, but they should not be used to set Quality Control Specification minimum requirements.

Hardness (Shore A).....	50
Tensile Strength (psi).....	1398
Elongation at Break (%).....	616%
Modulus at 100% Elongation (psi).....	217
Modulus at 300% Elongation (psi).....	594
Tear Strength (ppi).....	255
Compression Set (%).....	11% (22 hours at 350°F)
Specific Gravity.....	1.15

Mosites #1453 is a 50 durometer, gray, high strength silicone rubber compound with excellent tear strength properties.