

Physical Properties on Mosites #2515 CPE Rubber

The physical properties shown below were obtained on 0.080 inch thick molded ASTM samples. They are typical of Mosites #2515 CPE rubber compound, but they should not be used to set Quality Control Specification minimum requirements.

Hardness (Shore A).....	75
Tensile Strength (psi).....	2650
Elongation at Break (%).....	250%
Modulus at 100% Elongation (psi).....	950
Modulus at 300% Elongation (psi).....	-
Tear Strength (ppi).....	165
Specific Gravity.....	1.34
% Compression Set (22 Hours at 212 F).....	18%
Shelf Life (Stored at 40 to 70 <sup>0</sup> F).....	12 Months for uncured compound 5 Years for cured linings
Temperature Range .....	-40 <sup>0</sup> F to +275 <sup>0</sup> F
Classification.....	ASTM D-2000 CE720 Z

Mosites #2515 is a CPE compound, with excellent weather and ozone resistance. It offers excellent resistance to inorganic acids, alkalies, glycol based engine coolants, chlorine solutions, methanol, salt water and salt solutions. It has fair resistance to petroleum based oil and fuel, but poor resistance to aromatic solvents.