

Mosites #651 Forming Rubber Pads

Mosites Rubber Company has supplied rubber parts to the metal forming industry for a number of years. These pads are used on hydroforming presses, bladder press equipment, and drop hammer machines. A full range of hardnesses are available for optimum forming of each type and thickness of metal blank. The pads are available in standard widths, lengths and thicknesses, but Mosites Rubber Company also offers custom molded pads in various shapes up to 12 inches in thickness. All Mosites # 651 Forming Rubber Pads are non marking, cream color formulations and thus can eliminate cleaning operations on the formed pads. Another advantage is the good resistance of Mosites # 651 to the deteriorating effects of machine oil or rust preventative commonly applied to metal surfaces.

The physical properties shown below were obtained in molded 0.080-inch thick molded ASTM samples. They are typical of the various Mosites Rubber Company # 651 compounds, but they should not be used to set Quality Control Specification minimum requirements.

<u>Typical Physical Properties</u>					
Compound	<u>651-50</u>	<u>651-60-C</u>	<u>651-60-E</u>	<u>651-70-C</u>	<u>651-90-H</u>
Hardness	60	65	70	78	89
Tensile Strength (psi)	2100	2400	2650	2300	2400
Elongation (%)	850%	750%	725%	627%	413
Modulus at 300% Elongation (psi)	645	850	710	1300	2033
Tear Strength (ppi)	252	318	283	377	407
Specific Gravity	1.33	1.38	1.44	1.47	1.49
Color	Cream	Cream	Cream	Cream	Cream

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