

Insulation Rubber Matting

COMPOUND#

POLYMER

SBR

ASTM METHOD	DESCRIPTION	TYPICAL VALUE	UNITS
D2240	HARDNESS	62	SHORE A
D412	100%MODULUS		PSI
D412	300%MODULUS		PSI
D412	TENSILE	1400	PSI
D412	ELONGATION	550	%
D624	TEAR		LBS/IN
D1630	NBS ABRASION		%
D2137	COLD TEMPERATURE	-10	'C
D1171	OZONE RESISTANCE	70 HOURS @ 50	PPHM 3
D257	VOLUME RESISTIVITY		Ohm-cm
D395B	COMPRESSION SET	22 HOURS	@ 100'C 21%
D2084	CURED @ 151'CT2		min.
	CURED @ 151'C T95		min.
D1646	MOONEY SCORCH 135'C		min. T5
D1646	VISCOSITY 100'C		ML4
D573	HEAT AGING	24 HOURS	@ 90'C
	CHANGED-HARDNESS	-12	POINTS
	CHANGED-TENSILE	6	%
	CHANGED-ELONGATION	3	%
	BRITTLE TEMPERATURE	-35'C	Normal
	BREAKDOWN VOLTAGE	4MM	≥40,000 V