

NI (NYLON INSERT)

COMPOUND#

NI

POLYMER

CR/SBR

ASTM METHOD	DESCRIPTION	TYPICAL VALUE	UNITS	
D2240	HARDNESS	65	SHORE A	
D412	100%MODULUS		PSI	
D412	300%MODULUS		PSI	
D412	TENSILE	2150	PSI	
D412	ELONGATION	340	%	
D624	TEAR	230	LBS/IN	
D1630	NBS ABRASION	56	%	
D2137	COLD TEMPERATURE	-35	'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	
	HEAT AGING	70 HOURS	@ 100'C	
D573	CHANGED-HARDNESS	2	POINTS	
	CHANGED-TENSILE	-12	%	
	CHANGED-ELONGATION	-12	%	
D471	OIL AGING #3 OIL	70 HOURS	@ 100'C	
	CHANGED-HARDNESS	-21	POINTS	
	CHANGED-TENSILE	-32	%	
	CHANGED-ELONGATION	-31	%	
	CHANGED-MASS	40	%	
	CHANGED-VOLUME	60	%	