

**NBR**  
**PHYSICAL PROPERTIES**

**COMPOUND#**

**NBR-1**

**POLYMER**

**NBR**

<b>ASTM METHOD</b>	<b>DESCRIPTION</b>	<b>TYPICAL VALUE</b>	<b>UNITS</b>
D2240	HARDNESS	61	SHORE A
D412	100%MODULUS	390	PSI
D412	300%MODULUS	1100	PSI
D412	TENSILE	1000	PSI
D412	ELONGATION	420%	%
D624	TEAR	240	LBS/IN
D1630	NBS ABRASION	61	%
D2137	COLD TEMPERATURE	-34	'C
D1171	OZONE RESISTANCE	70 HOURS @ 40'C 50	PPHM 3 3 RATING
D257	VOLUME RESISTIVITY		Ohm-cm
D395B	COMPRESSION SET	22 HOURS	@ 100'C 18%
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	70 HOURS	@ 100'C
	CHANGED-HARDNESS	3	POINTS
	CHANGED-TENSILE	4	%
	CHANGED-ELONGATION	-17	%
D471	OIL AGING #3 OIL	70 HOURS	@ 100'C
	CHANGED-HARDNESS	-3	POINTS
	CHANGED-TENSILE	-1	%
	CHANGED-ELONGATION	-18	%
	CHANGED-MASS	2	%
	CHANGED-VOLUME	3	%