



PRODUCT SPECIFICATION
 THE GOODYEAR TIRE & RUBBER CO.
 GOODYEAR CHEMICAL AKRON , OH 44306-3299
 USA: 1-800-548-8107

NATSYN 2210

Description : **NATSYN 2210** is a high cis -1,4 (98.5% Typical) polyisoprene containing a nonstaining antioxidant.
 It is packaged as 34 kg (75 pound) bales.

PROPERTY	LIMITS	TEST METHOD
Appearance	Opaque white to translucent light gray bale	Visual
Volatile matter , %	<= 0.50	ASTM D 5668
Ash, %	<= 0.6	ASTM D 5667
Extractables , %	<= 3.0	ASTM D 5774
Mooney, ML-4' @ 100 C	60.0 +/- 10.0	ASTM D 1646

VULCANIZATE PROPERTIES

VP Description : rheometer, 160 C, 1 deg arc, 1.7 Hz, 30 min chart, range 50	Typical Values	
	Midpoint	Range
ASTM Ref #: 2084		
ML, dNm	6.6+/-	to
MH, dNm	34.0+/-	to
ts1, minutes	3.9+/-	to
t'c25, minutes	5.1+/-	to
t'c50, minutes	5.8+/-	to
t'c90, minutes	8.0 +/-	to

STRESS/STRAIN PROPERTIES

SS Description : 40 min at 135 C cure	Typical Values	
	Midpoint	Range
ASTM Ref #: 412		
300% Modulus, MPa	9.0+/-	to
Tensile, MPa, minimum	24.8+/-	to
Elongation, %	600+/-	to

This product should be stored in its original packaging in a dry atmosphere away from heat and ultraviolet light .

As a guideline , NATSYN 2210 should be re-tested every 18 months following the date of manufacture .
The most appropriate test would be Mooney .

Goodyear test methods are available upon request .

Check with your Goodyear salesperson to confirm the revision number of the most recent specification .