



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

NAT2200

Description:

PROPERTY	LIMITS	TEST METHOD
Appearance	Opaque white to translucent light gray bale	Visual
Volatile matter, %	<= 0.5	ASTM D 5668
Visible gel: in 400 grams raw polymer, 2.5 mm (0.1 inch) max size	<= 15	BMT-OP-0947
Mooney, ML-4' @ 100 C	75 +/- 8 +/- +/- +/-	ASTM D 1646

VULCANIZATE PROPERTIES

VP Description: Monsanto Rheometer @ 160 C, 1 deg Arc, 1.7 Hz, 30 min Chart, Range 50	Typical Values	
ASTM Ref #: 2084	Midpoint	Range
ML, dNm	7.6+/-	to
MH, dNm	35.6+/-	to
ts1, minutes	3.6+/-	to
t'c25, minutes	5.0+/-	to
t'c50, minutes	5.6+/-	to
t'c90, minutes	7.9+/-	to

STRESS/STRAIN PROPERTIES

SS Description: 40 Min @ 135 C Cure	Typical Values	
ASTM Ref #: 412	Midpoint	Range
300% Modulus, MPa	10.5+/-	to
Tensile, MPa, minimum	24.4+/-	to
Elongation, %	580+/-	to

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

As a guideline, NAT2200 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.