



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

BUD1207

Description: BUD1207 is a high cis (98% Typical) polybutadiene containing a nonstaining antioxidant.

BUD1207 is packaged as 80 lb/36.4 kg bales.

PROPERTY	LIMITS	TEST METHOD
Appearance	off white to light amber	Visual
Volatiles, %, unmilled sample	<= 0.50	ASTM D 5668
Mooney, ML-4' @ 100 C, unmilled sample	55 +/- 5	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	10.7+/-	to
MH, dNm	39.1+/-	to
ts1, minutes	3.4+/-	to
t'c25, minutes	8.2+/-	to
t'c50, minutes	10.0+/-	to
t'c90, minutes	14.3+/-	to

STRESS/STRAIN PROPERTIES

SS Description: 50 Min @ 145C Cure	Typical Values	
ASTM Ref #: 412	Midpoint	Range
300% Modulus, MPa	12.0+/-	to
Tensile, MPa	15.9+/-	to
Elongation, %	400+/-	to

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

**As a guideline, BUD1207 should be re-tested every 24 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.