



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

BUDENE 1280

Description : BUDENE 1280 is a high cis (98% Typical) polybutadiene containing a non -staining , slightly discoloring antioxidant . It is packaged as 35 Kg (77 pound) bales with a weight tolerance of +/- 3 lbs.

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	40 +/- 5	ASTM D 1646
Extractables , %	1.65 +/- 0.65	ASTM D 5774
Organic acid , %	0.775 +/- 0.375	ASTM D 5774

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	9.3+/-	to
MH, dNm	36.1+/-	to
ts1, minutes	3.9+/-	to
t'c25, minutes	8.0+/-	to
t'c50, minutes	11.0+/-	to
tc'90, minutes	14.6+/-	to

STRESS/STRAIN PROPERTIES

SS Description : 50 Min @ 145 C Cure	Typical Values	
ASTM Ref #: 412	Midpoint	Range
300% Modulus, MPa	11.4+/-	to
Tensile, MPa	17.3+/-	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 , BUDENE 1280 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 .