



PRODUCT SPECIFICATION

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

PLF1502

Description : PLF1502 is a cold , 23.5% styrene SBR polymer made with a mixed -acid emulsifier , nonstaining stabilizer and salt acid coagulation . PLF1502 does not contribute to the generation of nitrosamines as a raw polymer or finished product .

PROPERTY	LIMITS	TEST METHOD
Appearance	light tan bale	Visual
Volatiles , %	<= 0.50	ASTM D 5668
Ash , %	<= 1.5	ASTM D 5667
Bound styrene , %	23.5 +/- 1.2	ASTM D 5775
Extractables , %	7.0 +/- 2.0	ASTM D 5774
Mooney , UML4 (1+4) @ 100 C	44 +/- 4	ASTM D 1646
Organic Acid , %	5.8 +/- 0.8	ASTM D 5774

VULCANIZATE PROPERTIES

VP Description : Rheometer , 160 C, 1 deg arc , 1.7 Hz, 30 min chart , 50 range ,

Typical Values

	Midpoint	Range
micro die		
ASTM Ref #: 2084		
ML, dNm	+/-	to
MH, dNm	+/-	to
ts1, minutes	+/-	to
t'c25, minutes	+/-	to
t'c90, minutes	+/-	to

STRESS/STRAIN PROPERTIES

SS Description : 35 min @ 145 C Cure

Typical Values

	Midpoint	Range
ASTM Ref #: 412		
300% Modulus, MPa, minimum	+/-	to
Tensile, MPa, minimum	+/-	to
Elongation, %, minimum	+/-	to

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

As a guideline , PLF1502 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 .