



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

**PLF1769**

Description : PLF1769 is a cold , 40% styrene , SBR polymer made with a low soap process and extended with 37.5 parts heavy naphthenic oil . PLF1769 does not contribute to the generation of nitrosamines as a raw polymer or finished product .

PROPERTY	LIMITS	TEST METHOD
Appearance	dark brown bale	Visual
Volatile matter , %	<= 0.75	ASTM D 5668
Ash , %	<= 1.5	ASTM D 5667
Oil analysis , %	27.3 +/- 2.0	ASTM D 5774
Bound styrene , % of RHC	40.0 +/- 2.0	ASTM D 5775
Organic acid , %	4.7 +/- 0.8	ASTM D 5774
Mooney, ML-4@100 C	46 +/- 5	ASTM D 1646

**VULCANIZATE  
 PROPERTIES**

VP Description : spec development ASTM Ref #:	Typical Values Midpoint +/-	Range to
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**STRESS/STRAIN  
 PROPERTIES**

SS Description : ASTM Ref #:	Typical Values Midpoint +/-	Range to
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This product should be stored in its original packaging in a dry atmosphere away from heat and ultraviolet light .

As a guideline , PLF1769 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 .