



CHEMICAL

# PRODUCT DATA SHEET

## LPF 7814

### CHEMICAL DESCRIPTION

LPF 7814 is a cold polymerized, high solids styrene-butadiene copolymer latex stabilized with a fatty acid emulsifier.

### APPLICATIONS

Goodyear's product line consists of a group of high solids latices having over 40 years proven performance in a variety of applications.

**Mastic Adhesives** The high molecular weight of LPF 7814 provides adhesives with excellent cohesive strength. LPF 7814 is a superior latex for providing early leg development, making it an excellent choice for flooring adhesives.

**Asphalt Modification** SBR latices have been used successfully to modify asphalts for hot mix, cationic emulsion and industrial applications. These latices provide improved resistance to high temperature permanent deformation, resistance to cold temperature cracking, and an improvement in short and long term aging. High and low molecular weight SBR latices are available to provide the required balance between compatibility and reinforcement for a given asphalt material.

**Foam Products** Goodyear's latices provide consistent processing, durability and comfort demanded by our foam customers. LPF 7814 is the newest latex and the product of choice if you seek high resiliency in your gel or non-gel foam applications.

### TYPICAL PROPERTIES

	LPF 7814
Total Solids, %	71.0 +/- 1.0
Brookfield Viscosity, cps	1600 +/- 600
pH	10.35 +/- 0.35
Bound Styrene, %	23.75 +/- 1.25
Mooney Viscosity, ML-4'	130 +/- 30
Soap Content, %	5.05 +/- .55
Residual Styrene, ppm	<200
Coagulum, (80 mesh screen), %	<0.1

### BULK SHIPMENTS

Latex is shipped in bulk using flexitanks, tank trucks and rail cars.

### PACKAGING

LPF 7814 is available in 275-gallon non-returnable composite IBCs and 55-gallon non-returnable plastic drums.

### STORAGE AND HANDLING

This product should be stored in its original packaging in a dry atmosphere away from heat and ultraviolet light, and protected from freezing and bacterial contamination.

As a guideline, LPF 7814 should be re-tested every 6 months following the date of manufacture. The most appropriate test would be pH.

### Goodyear Chemical

2000 Goodyear Drive  
Houston, TX 77017 – USA  
1-877-579-4594  
www.goodyearchemical.com

WARRANTY: Unless sold without warranty, this product is warranted to conform to Goodyear's applicable specifications in effect at the date of shipment. SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. NO OTHER WARRANTY OF ANY KIND WHATSOEVER, EITHER ORAL OR WRITTEN, INCLUDING IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OTHER WARRANTY OF QUALITY IS EITHER EXPRESSED OR IMPLIED FOR THIS PRODUCT. GOODYEAR SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL AND/OR CONSEQUENTIAL DAMAGES, EVEN IF GOODYEAR HAS BEEN NOTIFIED OF THE POTENTIAL OF SUCH A LOSS OR CLAIM OR FOR ANY AMOUNT IN EXCESS OF THE APPLICABLE PURCHASE PRICE. This warranty is null and void should the product be subject to abuse, modification, misused or mishandled.

©Trademark, The Goodyear Tire & Rubber Company

Revised 12/19/13