

# PRODUCT DATA SHEET

## SLF<sup>®</sup> 16S42

### CHEMICAL DESCRIPTION

SLF<sup>®</sup> 16S42 is a low styrene, medium-high vinyl tin coupled solution polymerized styrene-butadiene copolymer.  
(CAS Reg. N° 9003-55-8)

### TECHNOLOGY

SLF<sup>®</sup> 16S42 is prepared using Goodyear Chemical polymerization technology which offers:

- Medium-high vinyl content
- Tin coupling for better processing

### APPLICATIONS

The technology of SLF<sup>®</sup> 16S42 helps provide benefits in applications requiring:

- Balanced traction / treadwear performance
- Enhanced abrasion resistance
- Excellent processing capabilities

In addition, tin-coupling enhances the polymer-filler interaction, which can result in:

- Improved hysteretic properties
- Enhanced abrasion resistance
- Easier processing
- Smoother extrusion

### TYPICAL PROPERTIES

	SLF <sup>®</sup> 16S42
Color	White
Mooney ML1+4 @ 100°C	76
Onset Tg*, °C	-42
Styrene Content, %	16
Vinyl Content**, %	42
Oil, phr	0
Volatiles, %	0.75 max
Specific Gravity	0.93
Stabilizer	non- staining

\* Tg of contained polymer, \*\* Vinyl as % of total polymer

### PACKAGING

#### Returnable Containers

- Returnable containers are collapsible aluminum containers that contain 36 film wrapped bales in a box of total weight 2,700 lbs. Each bale weight is 75 lbs.
- Contact your sales representative for details. Other packaging types may be available for specific volumes and destinations

### Goodyear International Corporation

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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.

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