



CHEMICAL

PRODUCT DATA SHEET

PLIOGUM® 1027 Elastomer

CHEMICAL DESCRIPTION

PLIOGUM® 1027 is a Kosher and halal low bound styrene polymer manufactured by the hot polymerization of butadiene and styrene in accordance with good manufacturing practices as defined by Goodyear Houston's current GMP manual. PLIOGUM® 1027 meets all applicable requirements of the U.S. Food and Drug Administration, the Food Chemicals Codex, and the specifications for chewing gum base components established in Italy, France, Germany and Spain.

APPLICATIONS

PLIOGUM® 1027 is widely used in chewing gum base and bubble gum base applications. It is most suitable for gum with a regular or soft chew.

It is also used in other food contact applications, such as food can sealant. It is a highly branched polymer capable of handling high filler loading.

TYPICAL PROPERTIES

	PLIOGUM® 1027
Residual Styrene, ppm (CODEX @ 20 ppm max)	<= 20
Volatile matter, %	<= 0.7
Ash, %	<= 1.0
BHT analysis, %	0.375 +/- 0.125
Bound styrene, % of RHC	24.0 +/- 2.0
Organic acid, %	5.40 +/- 0.8
Mooney Viscosity, ML1+4 @ 100°C	52

PACKAGING

- Two cell cardboard boxes contain 36 x 80-lb. blue film wrapped bales.
- Box Dimensions: 60" L x 45" W x 43" H.
- Weight: Gross: 3055 lb, Net: 2880 lb.

STORAGE, HANDLING & TOXICITY

- This product should be stored in its original packaging in a dry atmosphere away from heat and ultraviolet light.
- As a guideline, PLIOGUM® 1027 should be re-tested every 18 months following the date of manufacture. The most appropriate test would be Mooney.
- Goodyear test methods are available upon request.

Goodyear Chemical

2000 Goodyear Drive
Houston, TX 77017 – USA
1-800-548-8107
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