



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

PLIOGUM 1027

Description : Pliogum 1027 is a kosher 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 and currently proposed in France .

| PROPERTY | LIMITS | TEST METHOD |
|--|-----------------|-------------|
| Residual styrene , ppm (CODEX @ 20 ppm max) | <= 20 | HOU-WI-1453 |
| Volatile matter , % | <= 0.7 | ASTM D 5668 |
| Ash , % | <= 1.0 | ASTM D 5667 |
| BHT analysis , % | 0.375 +/- 0.125 | HOU-WI-1454 |
| Polymer viscosity , ML-4' @ 100° C | 52 +/- 5 | ASTM D 1646 |
| Bound styrene , % of RHC | 24.0 +/- 2.0 | ASTM D 5775 |
| Organic acid , % | 5.40 +/- 0.8 | ASTM D 5774 |

Goodyear test methods are available upon request .

Check with your Goodyear salesperson to confirm the revision number of the most recent specification .