



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

PLIOGUM 1027K1

Description : PLIOGUM 1027K1 is ground crumb version of PLIOGUM 1027, butadiene-styrene copolymer manufactured in accordance with food -additive requirements (FDA Regulation 172.615, Chewing Gum Base). PLIOGUM 1027 is ground through a 5/8" screen, then blended with approximately 5.6% high purity , ultrafine talc , food grade , as a partitioning agent to prevent the crumb from agglomerating . Some adjustment of crumb size and partitioning agent available upon request .

All specification limits (listed in Section 1.0) except for partitioning agent content apply to the base polymer before grinding .



PROPERTY	LIMITS	TEST METHOD
Residual Styrene , ppm (CODEX @ 20 ppm max)	<= 20	HOU-WI-1453
Volatile Matter , %	<= 1.5	ASTM D 5668
Ash , %	<=2.0	ASTM D5667
BHT Analysis , %	0.375 +/- 0.125	HOU-WI-1454
Polymer Viscosity , ML-4' @ 100° C	52 +/- 5	ASTM D1646
Bound Styrene , % of RHC	24.0 +/- 2.0	ASTM D5775
Organic Acid , %	5.40 +/- 0.8	ASTM D5774

Goodyear test methods are available upon request .

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