PRODUCT SPECIFICATION
THE GOODYEAR TIRE & RUBBER CO.
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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 HOU-WI-1453
20 ppm max)                 
Volatile Matter, %           <= 1.5 ASTM D 5668
Ash, %                      <= 2.0 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.