

Foreverest Resources Ltd

Styrene Butadiene Rubber Copolymer (Food)

SSBR1027

Foreverest™ SSBR1027 is a food grade SSBR. Which is produced by hexane solution, the solution copolymerization of butadiene and styrene. Using butyllithium as catalyst, the solvents and volatiles are removed by hot water, dewaterer and expander. It is an equivalent of [PLIOGUM® 1027](#). Which used in bubble/chewing gum base and food contact.

NOTE: PLIOGUM is the trademark of Goodyear

Substance Identification

Synonyms

Solution Polymerized Butadiene Styrene Copolymer

CAS

N/A

EINECS	618-370-2
FEMA	N/A
HS.CODE	N/A
Molecular Formula	(C8-H8.C4-H6)x-
Moleclar Weight	N/A

Application & Uses

- Bubble gum base
- Chewing gum base
- Food contact

Sales Specification

ITEM	VALUE	TEST METHOD & UNIT
Appearance	White to light yellow solid	
1,3-Butadiene	0.5 max	mg/kg
Arsenic	3.0 max	mg/kg
Ash	0.5 max	mg/kg

ITEM	VALUE	TEST METHOD & UNIT
BHT	2500 to 5000	mg/kg
Cadmium	1.0 max	mg/kg
Lead	3.0 max	mg/kg
Lithium	75 max	mg/kg
Mercury	3.0 max	mg/kg
Quinones	20 max	mg/kg
Residual hexane	100 max	mg/kg
Residual styrene	20 max	mg/kg
Volatile Matter	0.7 max	mg/kg
Bound styrene	22.0 to 26.0	%
Mooney viscosity, ML(1+4)	55 to 67	@100°C, MU

ITEM	VALUE	TEST METHOD & UNIT
Appearance	White to light yellow solid	
1,3-Butadiene	0.5 max	mg/kg
Arsenic	3.0 max	mg/kg
Ash	0.5 max	mg/kg

ITEM	VALUE	TEST METHOD & UNIT
BHT	2500 to 5000	mg/kg
Cadmium	1.0 max	mg/kg
Lead	3.0 max	mg/kg
Lithium	75 max	mg/kg
Mercury	3.0 max	mg/kg
Quinones	20 max	mg/kg
Residual hexane	100 max	mg/kg
Residual styrene	30.0 max	mg/kg
Volatile Matter	1.0 max	mg/kg
Bound styrene	45.0 to 50.0	%
Mooney viscosity, ML(1+4)	66 to 78	@100°C, MU

Package

- Carton board box, 900kg net each per pallet, 11 cartons or pallets (about 9900kg) per 20'FCL
- Complex paper bag, 25kg net each, 640 bags (about 1.6 tons and 20 pallets) per 20'FCL
- Complex paper bag, 25kg net each, 900 bags (about 2.25 tons without pallet) per 20'FCL

GHS Hazard Statements

There is currently no available data for this product, click to view [GHS Classification and Labelling by UNECE](#).

Storage

- avoid contact with light
- keep separated from incompatible substances
- store and handle in accordance with all current regulations and standards
- store in a cool, dry place
- store in a tightly closed container

Relation Products

- [Chewing Gum Base](#)
- [Glyceryl Monostearate](#)
- [Glyceryl Monostearate](#)
- [Polyvinyl Acetate](#)
- [Polyvinyl Acetate](#)
- [Polyvinyl Acetate](#)

Remark

The above information is believed to be accurate and presents the best explanation currently available to us. We assume no liability resulting from above content. The technical standards are formulated and revised by customers' requirement and us, if there are any changes, the latest specification will be executed and confirmed in the contract.

Manage consent