



Lion Elastomers LLC

1615 Main Street • P.O. Box 667 • Port Neches, TX 77651
800 / 535-9960 • www.lionelastomers.com

SBR 1009C Elastomer

Product Data

Hot polymerized SBR 1009C is recommended for use in calendared products and extruded mechanical goods. It is also widely used in sealants and adhesives.

Unique Features

- ▶ Hot polymerized SBR terpolymer
- ▶ *Moderate* crosslinking reduces shrinkage
- ▶ Enables dimensional stability

Applications

- ▶ General purpose pressure-sensitive adhesives
- ▶ Aerosol spray or laminating adhesives

Typical Properties

<u>Property</u>	<u>Test Method*</u>	<u>Typical</u>
Mill shrinkage, %	—	35 Max.
Solution viscosity, cP (4% Toluene solution)	—	120 - 400
Bound Styrene, Weight %	—	22.5 – 24.5
Organic acid, Weight %	—	4.0 – 6.0
Soap, Weight %	—	0.5 Max.
Ash, Weight %	—	1.5 Max.
Volatile matter, Weight %	ZS 1008K	0.75 Max.
Emulsifier	—	Fatty acid
Coagulant	—	Acid
Stabilizer	—	Non-Staining
Total dust, Weight % (Calcium Carbonate)	—	5.0 – 11.0
Specific gravity, g/cc (crumb).....	ASTM D-792	0.99
Color	—	Off White
Physical form**, crumb lbs/box	—	50.0 (23 kg)

SBR 1009C elastomer is produced in free flowing crumb form which eliminates the need for milling, cutting, or grinding equipment. The crumb particles retain the porous nature of the coagulated rubber and can be dissolved in solvent faster than milled or pelletized bale rubber.

* Company Test Methods

** This product is available in crumb form in 50 lb boxes.

Note: Antioxidant is added to this polymer to provide protection during manufacture and storage. The end user's process may require additional antioxidant protection.

Note: All information supplied by or on behalf of Lion Elastomers LLC in relation to its products, whether in the nature of data, recommendations or otherwise, is supported by research and believed reliable, but Lion Elastomers LLC assumes no liability whatsoever in respect of application, processing or use made of the aforementioned information or products, or any consequence thereof. The buyer undertakes all liability in respect of the application, processing or use made of the aforementioned information or product, whose quality and other properties he shall verify, or any consequence thereof. No liability whatsoever shall attach to Lion Elastomers LLC for any infringement of the rights owned or controlled by a third party in intellectual, industrial or other property by reason of the application, processing or use of the aforementioned information or products by the buyer.