



Lion Elastomers LLC

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## SBR 1009AFC Elastomer

## Product Data

Hot polymerized SBR 1009AFC is recommended for use in aerosol spray adhesives, mastics, sealants and other general purpose adhesive applications requiring low shrinkage, sag resistance, sprayability or trowelability.

### Unique Features

- ▶ Hot polymerized SBR terpolymer
- ▶ *Highly* crosslinked for maximum dimensional stability
- ▶ Eliminates cob-webbing in mist/spray adhesives

### Applications

- ▶ Spray adhesives
- ▶ Calendered and extruded mechanical rubber goods

### Typical Properties

<u>Property</u>	<u>Test Method*</u>	<u>Typical</u>
Mill shrinkage, % .....	—	10 Max.
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	1.0 Max.
Emulsifier .....	—	Fatty acid
Coagulant .....	—	Acid
Stabilizer .....	—	Non-Staining
Total dust, Weight % (Calcium Carbonate) .....	—	3.0 – 5.0
Specific gravity, g/cc (crumb).....	ASTM D-792	0.99
Color .....	—	Off White
Physical form**, crumb lbs/box .....	—	50.0 (23 kg)

**SBR 1009AFC 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.

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