



Lion Elastomers LLC

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

SBR 1011AC Elastomer

Product Data

Hot polymerized SBR 1011AC elastomer is recommended for adhesive and pressure sensitive tape and label applications, and in mechanical rubber goods where non-staining and high tack is essential.

Unique Features

- ▶ Broad molecular weight makes dissolving easier
- ▶ Balanced adhesive and cohesive strength
- ▶ Light colored

Applications

- ▶ Pressure sensitive tape and label adhesives
- ▶ Mechanical Rubber Goods

Typical Properties

<u>Property</u>	<u>Test Method*</u>	<u>Typical</u>
Mooney viscosity, MML 1+4 (100°C)	—	50 - 58
Solution viscosity, cP (10% Toluene solution)	—	430 - 810
Bound Styrene, Weight %	—	22.5 – 24.5
Organic acid, Weight %	—	4.5 – 6.5
Soap, Weight %	—	0.5 Max.
Ash, Weight %	—	1.5 Max.
Volatile matter, Weight %	ZS 1008K	0.75 Max.
Emulsifier	—	Rosin acid
Coagulant	—	Acid
Stabilizer	—	Non-Staining
Specific gravity, g/cc (bale).....	ASTM D-792	0.94
Color	—	Off White
Physical form**, lbs/bale	—	70.0 (32 kg)

SBR 1011AC elastomer is used in adhesives, pressure sensitive tape and label applications, and mechanical rubber goods where non-staining and high tack is important.

* Company Test Methods

** This product is available in 70 lb rectangular bales individually wrapped in 1.5 mil, low melting point film and shipped in two cell cardboard containers.

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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