



Lion Elastomers LLC

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## SBR 1732N Elastomer

## Product Data

SBR 1732N is an environmentally friendly version of SBR 1712 with higher bound styrene content, and aromatic extender oil replaced with a low Polycyclic Aromatic Hydrocarbon naphthenic oil. It was developed for tire applications.

### Unique Features

- ▶ Cold polymerized styrene-butadiene elastomer
- ▶ Naphthenic oil extended

### Applications

- ▶ Passenger & heavy-service treads
- ▶ Retread rubbers and bicycle tires

### Typical Properties

<u>Property</u>	<u>Test Method</u>	<u>Typical</u>
Bound Styrene, Weight % .....	ASTM D5775	30.5 – 33.5
Mooney viscosity, MML 1+4 (100°C) .....	ASTM D1646	41 - 51
Oil, Weight %.....	ASTM D5774	22.50 – 26.50
Oil Type.....	Naphthenic	
Organic acid, Weight % .....	ASTM D5774	3.6 – 6.0
Soap, Weight % .....	ASTM D 5774	0.5 Max.
Ash, Weight % .....	ASTM D5667	0.80 Max.
Volatile matter, Weight % .....	ASTM D5668	0.90 Max.
Emulsifier .....	—	Mixed acid
Coagulant .....	—	Acid
Stabilizer .....	—	Staining
Specific gravity, g/cc (bale).....	—	0.95
Physical form*, lbs/bale .....	—	80.0 (36 kg)

**SBR 1732N is an environmentally friendly version of SBR 1712 replacing aromatic extender oil with a naphthenic oil. It is recommended for applications such as passenger and heavy-service treads, retread rubbers, and bicycle tires.**

\* This product is available in 80 lb rectangular bales individually wrapped in 1.5 mil, low melting point film and shipped in returnable aluminum OTD.

**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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