



Lion Elastomers LLC

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SBR 1732N Elastomer

Product Data

SBR 1732N is an environmentally friendly version of SBR 1721 with higher bound styrene content, and aromatic extender oil replaced with a 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>
Polymer, parts	—	100
Oil, parts – Naphthenic	—	32.5
Mooney viscosity, MML 1+4 (100°C)	—	41 - 51
Bound Styrene, Weight %	—	30.5 – 33.5
Organic acid, Weight %	—	3.6 – 6.0
Soap, Weight %	—	0.5 Max.
Ash, Weight %	—	0.80 Max.
Volatile matter, Weight %	ZS 1008K	0.90 Max.
Emulsifier	—	Mixed acid
Coagulant	—	Acid
Stabilizer	—	Staining
Specific gravity, g/cc (bale).....	ASTM D-792	0.95
Physical form**, lbs/bale	—	80.0 (36 kg)

SBR 1732N is an environmentally friendly version of SBR 1721 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.

* Company Test Methods

** 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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