



Coating Tomorrow's Innovations

Styrene-Butadiene (SBR)

Rubber, urethane and other polymers are used to provide optimized coating properties for a substrate.



SBR is extremely durable and abrasion-resistant.

With many of the same properties as natural rubber, SBR is much cheaper to produce and is commonly prevalent in 52% of global tire production. Other uses include shoe heels and soles, gaskets and even chewing gum.

General Polymer Characteristics

Abrasion Resistance	Good	Gas Permeability	Fair
Compression Set	Fair	Low Temperature Flexibility	Good
Elongation	Good	Tear Resistance	Good
Flame Resistance	Poor		

General Properties

Good physical properties and abrasion resistance with poor resistance to petroleum-based fluids

Resistant to

Most moderate chemicals, wet or dry, organic acids, alcohols, ketones, and aldehydes

Attacked by

Ozone, strong acids, fats, oils, greases, and most hydrocarbons



At Trelleborg, our eyes are on tomorrow as our in-house expert technical teams work in partnership with an increasing range of customers to bring industry-changing ideas to actualization with coated materials- whether it's your concept or ours.
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