

SBR stands for Styrene Butadiene Rubber. It is a synthetic rubber material that is commonly used in various applications. SBR exhibits good abrasion resistance, flexibility, and durability. It is commonly used in the manufacturing of tires, conveyor belts, shoe soles, gaskets, and seals. SBR can be blended with other rubber materials or additives to achieve specific properties such as improved oil resistance or weather resistance.

Chemical Description

Description	Value
Material Type	Synthetic Rubber
Chemical Name	SBR Styrene Butadiene Rubber
Additives	Unfilled
Color	Black
UV Resistant	Yes

Physical Properties

Property	Maximum Unless Range is Specified
General Temp Range, °F	-60-250
Maximum Continuous Temp, °F	225
Minimum Continuous Temp, °F	-60
Brittleness Temp, °F	-80

Mechanical Properties

Property	Maximum Unless Range is Specified
Tensile Strength, ksi	0.5-2.9
Elongation at Break	450%-600%
Hardness Shore A	30-95

The material properties in this datasheet are provided by one of the manufacturers collaborating with Naxtry. Please note that material properties may slightly vary among different manufacturers. Naxtry can accommodate customer requests for specific materials or brands.