



HiFlex™ SSBR 444 is blended non-oil extended solution styrene butadiene rubber with non-staining antioxidant, with very good processability. It shows good abrasion resistance and wet grip.

RAW MATERIAL PROPERTIES

Properties	Nominal Value	Test Method
Styrene	20 +/- 5%	Internal
Mooney Viscosity(ML 1+4@100°C)	55 +/- 5 MU	ASTM D 1646
Moisture Content	0.5% max	Acetone Extraction
Ash Content	0.5% max	ASTM D297-35
Density	0.95 g/cm ³	ISO 1183
Antioxidant	Non-Staining	-

Physical Properties*	Value
Tensile Strength	15.3 MPa
Modulus at 100% EB	7.1 MPa
Elongation at Break	200%
Hardness	70 Shore A

* Characteristics determined on a HEPL compound of the following formulation. Press Cure: 10 mins @ 160°C

HiFlex™ SSBR 444	100
Zinc Oxide	5
Stearic Acid	1
HAF N-330	65
Aromatic Oil	10
Qureacc® MBTS	1
Qureacc® TMT	0.5
Sulfur	1.5

Applications:

Sheets, tyres, conveyor belts, technical rubber goods, moulded and extruded mechanical goods and other industrial products.

Supply Form:

35 kgs bale wrapped in dispersible film.