



HiFlex™ SBR 443R is blended oil extended solution styrene butadiene rubber with very good Processability. Its shows good abrasion resistance and wet grip.

RAW MATERIAL PROPERTIES

Properties	Nominal Value	Test Method
Styrene	25% +/- 10	-
Mooney Viscosity(ML 1+4@100°C)	52 +/- 10 MU	ASTM D 1646
Oil Content	35 +/- 10Phr	Acetone Extraction
Volatile Matter	1.5% max	Internal Method
Ash Content	1.5% max	ASTM D297-35
Density	0.93 g/cm ³	ISO 1183

Physical Properties*	Value
Tensile Strength	9.3 MPa
Modulus at 100% EB	4.2 MPa
Elongation at Break	200%
Hardness	72 Shore A

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

HiFlex™ SBR 443R	135
Zinc Oxide	5
Stearic Acid	1
HAF N-550	50
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.