



HiFlex™ SBR 500 is a blended non oil extended copolymer of styrene and butadiene with staining anitioxidant. **HiFlex™ SBR 500** is a general purpose elastomers with very good processability. It shows a good abrasion resistance.

RAW MATERIAL PROPERTIES

Properties	Nominal Value	Test Method
Mooney Viscosity (ML 1+4@100°C)	50 +/- 5 MU	ASTM D1646
Moisture Content	1.0% max	Internal Method
Ash Content	1.5% max	ASTM D297-35
Density	0.94 g/cm	ISO 1183
Antioxidant	Staining	-

Physical Properties*	Value
Tensile Strength	15.7 MPa
Modulus at 100% EB	6.0 MPa
Elongation at Break	350%
Hardness	65 Shore A

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

HiFlex™ SBR 500	100
Zinc Oxide	5
Stearic Acid	1
HAF N330	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:

25 kgs bale wrapped in dispersible film.