



**HiFlex™ SSBR 460S** is oil extended solution styrene butadiene rubber with very good processability. It shows good abrasion resistance and wet grip.

**RAW MATERIAL PROPERTIES**

Properties	Nominal Value	Test Method
Styrene	25% +/- 3	
Mooney Viscosity(ML 1+4@100°C)	48 +/- 6 MU	ASTM D 1646
Oil Content	35 +/- 5 Phr	Acetone Extraction
Volatile Matter	0.75% max	Internal Method
Ash Content	0.75 g/cm <sup>3</sup>	ASTM D297-35
Density	0.94 g/cm <sup>3</sup>	ISO 1183

Physical Properties*	Value
Tensile Strength	12.5 MPa
Modulus at 100% EB	4.35 MPa
Elongation at Break	300%
Hardness	63 Shore A

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

<b>HiFlex™ SSBR 460S</b>	135
Zinc Oxide	5
Stearic Acid	1
HAF N-330	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:**

30 kgs bale wrapped in dispersible film.