



HiFlex™ BR-1220 is a blended polybutadiene with high CIS content. **HiFlex™ BR-1220** has very good processability. It imparts very high abrasion resistance, low temperature flexibility and high resilience when used in blend with NR/IR and SBR.

RAW MATERIAL PROPERTIES

Properties	Nominal Value	Test Method
CIS Content	96%	-
Mooney Viscosity (ML 1+4@100°C)	40 +/-5 MU	ASTM D1646
Moisture Content	1.5% max	Internal Method
Ash Content	1.5% max	ASTM D297-35
Density	0.90 g/cm ³	ISO 1183
Antioxidant	Non-Staining	-

Physical Properties*	Value
Tensile Strength	10.6 MPa
Modulus at 100% EB	3.2 MPa
Elongation at Break	350%
Hardness	62 Shore A

* Characteristics determined on a HEPL compound of the following formulation. Press Cure: 12 mins @ 160°C

HiFlex™ BR-1220	100
HAF N-330	80
Naphthenic Oil	15
Zinc Oxide	3
Stearic Acid	2
TBBS	0.9
Sulfur	1.5

Applications:

Tyre treads, tyre carcass and sidewalls, under-treads, cycle tyres, conveyor belts, sportswear, golf balls, automotive components, conveyor belts, shoe heels, soles, etc.

Supply Form:

25 kgs bale wrapped in dispersible film.