

HiFlex™ BIIR is a blended brominated copolymer of Isobutylene and Isoprene. **HiFlex™ BIIR** has very good processability and is compatible for co-curing with conventional diene rubbers. It shows good resistance to oxidation and ozone degradation and has low gas permeability.

RAW MATERIAL PROPERTIES

Properties	Nominal Value	Test Method
Mooney Viscosity (ML 1+8@125°C)	35 +/- 5 MU	ASTM D1646
Bromine Content	1.7% min	Internal Method
Moisture Content	1.0% max	Internal Method
Ash Content	1.0% max	ASTM D297-35
Density	0.93 g/cm ³	ISO 1183
Antioxidant	Non-Staining	-

Physical Properties*	Value
Tensile Strength	9.6 MPa
Modulus at 100% EB	3.1 MPa
Elongation at Break	400%
Hardness	58 Shore A

* Characteristics determined on a HEPL compound of the following formulation. Press Cure: 20 mins @ 160°C

HiFlex™ BIIR	100
Zinc Oxide	5
Stearic Acid	1
HAF N-330	50
Qureacc MBTS	0.5
Qureacc TMTD	1
Sulfur	2

Applications:

Tyre innerliners, pharmaceutical stoppers, hoses, tank linings, sheets, etc.

Supply Form:

34 kgs bale wrapped in dispersible film.