

**HiFlex™ IIR** is a blended copolymer of isobutylene and isoprene. **HiFlex™ IIR** has very good processability. 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)	50 +/- 5 MU	ASTM D1646
Moisture Content	1.0% max	Internal Method
Ash Content	1.0% max	ASTM D297-35
Density	0.92 g/cm <sup>3</sup>	ISO 1183
Antioxidant	Non-Staining	-

Physical Properties*	Value
Tensile Strength	14.6 MPa
Modulus at 100% EB	4.1 Mpa
Elongation at Break	450%
Hardness	63 Shore A

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

<b>HiFlex™ IIR</b>	100
Zinc Oxide	3
Stearic Acid	1
HAF N-330	50
TMTD	1
Qureacc MBTS	0.5
Sulfur	2

#### Applications:

Tyre tubes, tank linings, sealants, bottle caps, and other industrial goods requiring low level of gas permeability and chemical inertness.

#### Supply Form:

34 kgs bale wrapped in dispersible film.