



**HiFlex™ N-34** is a blended copolymer of acrylonitrile and butadiene. **HiFlex™ N-34** has very good processability and heat resistance. It has good resistance to aliphatic hydrocarbon oils, fuels and greases. It shows low gas permeability and good hot air resistance.

**RAW MATERIAL PROPERTIES**

Properties	Nominal Value	Test Method
Mooney Viscosity (ML 1+4@100°C)	50 +/- 10 MU	ASTM D1646
ACN Content	30 +/-3%	Internal Method
Moisture Content	1.0% max	Internal Method
Ash Content	1.5% max	ASTM D297-35
Density	0.98 g/cm <sup>3</sup>	ISO 1183
Antioxidant	Non-Staining	-

Physical Properties*	Value
Tensile Strength	16.5 MPa
Modulus at 100% EB	6.5 MPa
Elongation at Break	300%
Hardness	73 Shore A

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

<b>HiFlex™ N-34</b>	100
Zinc Oxide	5
Stearic Acid	1
FEF N-550	50
DOP	10
Qureacc® TMT	0.5
Qureacc® MBTS	1
Sulfur	1.5

**Applications:**

Oil seals, cork sheets, O-rings, gaskets and other industrial products requiring oil and abrasion resistance.

**Supply Form:**

34 kgs bale wrapped in dispersible film.