HiFlex™ EPDM A

EPDM Rubber

HiFlex™ EPDM A is a low cost blended terpolymer of ethylene, propylene and diene. **HiFlex™ EPDM A** has very good processability and is compatible for co-curing with conventional diene rubbers. It shows excellent resistance to oxidation and ozone degradation.

RAW MATERIAL PROPERTIES

Properties	Nominal Value	Test Method
Mooney Viscosity (ML 1+4@125°C)	55 +/- 5 MU	ASTM D1646
Ethylene Content	58 +/- 5%	Internal Method
ENB Content	4 +/- 1%	Internal Method
Moisture Content	1.0% max	Internal Method
Ash Content	1.5% max	ASTM D297-35
Density	0.86-0.87 g/cm³	ISO 1183
Antioxidant	Non-Staining	-

Physical Properties*	Value
Tensile Strength	14.5 MPa
Modulus at 100% EB	7.0 Mpa
Elongation at Break	250%
Hardness	72 Shore A

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

HiFlex™ EPDM A	100
Zinc Oxide	5
Stearic Acid	1
FEF N-550	80
Paraffinic Oil	20
Qureacc® TMT	0.5
Qureacc® MBT	0.5
Qureacc® ZDBC	1
Qureacc® MBTS	1
Sulfur	1.7

Applications:

Grommets, sheets, and other industrial moulded products requiring ozone resistance.

Supply Form:

25 kgs bale packed in strippable bags.

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