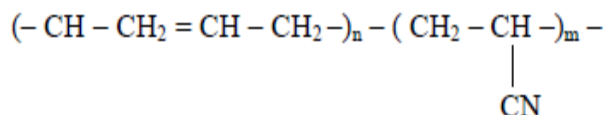


KNB 35L

Acrylonitrile Butadiene Rubber (NBR)

Product Introduction

CAS No. 9003-18-3



- Kumho KNB is a emulsion copolymer of acrylonitrile and butadiene.
- It has excellent resistance to hydrocarbon solvents, vegetable oils, acids, alkalies and many others.
- In compound with other rubbers, it provide resistance to abrasion, heat, water and flexibility.

Product Properties

Property	Typical value	Test Method
Bound AN (%)	34 ± 2	UPS E493-03-U32
Mooney Viscosity, ML ₁₊₄ at 100 °C	41 ± 5	ASTM D1646
Volatile Matter (%)	max 0.5	ASTM D5668
Ash Content (%)	max 0.8	ASTM D5667

ASTM Compound Properties

Property	Typical value	Test Method
Tensile Strength (kg _f /cm ²)	min 220	ASTM D3187 & D412
Elongation (%)	min 420	ASTM D3187 & D412
300% Modulus (kg _f /cm ²)	150 ± 30	ASTM D3187 & D412

Note : Vulcanizing condition : 150 °C / 40min Press (Carbon Black IRB # 7)

Manufacturer location

- Ulsan plant in Korea

Product safety

- Relevant safety data and references can be found in the material safety data sheet.
- If KNB is exposed to sun or moisture, it will be lowering of quality.
Please be stored in refreshed area & pay attention to mix the antimatter.

Shelf life/Conditions

- 2 years from the production date at temperatures not exceeding 35°C
- Keeping away from direct sunlight, humidity

Packaging

- Bale weight : 35kg
- Pallet weight : 1,050kg (30 bales)