

KNB 35LL

Product Introduction

- KUMHO KNB is a cold emulsion copolymer of acrylonitrile and butadiene.
- It has excellent resistance to hydrocarbon solvents, vegetable oils, alkalis, and many other liquids and gases.
- Resistance to abrasion, heat, water, and flexing are also provided by our NBR.

Product Properties

| Property | Typical value | Test Method |
|---|---------------|-----------------|
| Volatile Matter (wt.%) | max. 0.5 | ASTM D5668 |
| Ash Content (wt.%) | max. 0.8 | ASTM D5667 |
| Bound AN (wt.%) | 32.0~36.0 | UPS E493-03-U32 |
| Raw Mooney(ML1+4,100℃) | 27~37 | ASTM D1646 |
| 300% Modulus (kgf/cm ²) | 110~170 | ASTM D412 |
| Tensile strength (kgf/cm ²) | Min. 210 | |
| Elongation (%) | Min. 450 | |

Characteristics and Applications

- Typical application is for industrial goods like fuel hose, gasket and seal
- Compatible with carbon black, making it widely used for industrial good having oil-resistance

Manufacturer location

- Ulsan in Republic of KOREA

Product safety

- Relevant safety data and references can be found in the safety data sheet.

Shelf life/Condition

- 1 year from the production date at temperature not exceeding 35 °C, keeping away from direct sunlight

Packaging

- Bale weight : 35kg (Wrapped by polyethylene film)
- Box weight : 1,050kg (30 Bales)

Head Office (Sales)
Signature tower, East-wing 11F
100, Cheonggyecheon-ro, Jung-gu, Seoul, Korea
Tel. +82-2-6961-1600 Fax. +82-2-6961-1619
www.kkpc.com

Research Center (Technical Service)
1557, Yuseongdae-ro, Yuseong-Gu, Daejeon, KOREA
Tel. +82-42-865-8600 Fax. +82-42-862-5651

Quality Assurance (Ulsan Rubber Plant)
64, Sanggae-ro, Nam-gu, Ulsan, Korea
Tel. 82-52-259-6114 Fax. 82-52-275-6547