# KNB 35L

## 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℃) | 36~46 | ASTM D1646 |
| 300% Modulus (kgf/cm$^2$) | 120~180 | ASTM D412 |
| Tensile strength (kgf/cm$^2$) | Min. 220 | |
| Elongation (%) | Min. 420 | |

## 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

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

## Packaging

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

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