

# KNB 1845

## 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.%)	16.0 ~ 20.0	UPS E493-03-U32
Raw Mooney(ML1+4,100℃)	40 ~ 50	ASTM D1646
300% Modulus (kgf/cm <sup>2</sup> )	60 ~ 120	ASTM D412
Tensile strength (kgf/cm <sup>2</sup> )	min. 180	
Elongation (%)	min. 470	

\* Above data is typical value, therefore, it can be slightly different according to measuring condition.

## 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 ℃, keeping away from direct sunlight

## Packaging

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

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