

Kumho KNB 1845

Acrylonitrile Butadiene Rubber
Korea Kumho Petrochemical Co., Ltd.

Message:

KUMHO KNB 1845 is a cold emulsion copolymer of Acrylonitrile and Butadiene using a mixture of rosin and fatty soaps as emulsifiers. It is made at KUMHO Petrochemical Ulsan Rubber Plant. A non-staining antioxidant is added during the production process.

| General Information | | | |
|-------------------------------|---------------|------|-------------|
| Physical | Nominal Value | Unit | Test Method |
| Mooney Viscosity ¹ | 40 to 50 | MU | ASTM D1646 |
| Ash Content | < 0.80 | % | ASTM D5667 |
| Volatile Matter | < 0.50 | % | ASTM D5668 |
| Bound AN | 16 to 20 | % | ISO 24698-1 |
| Elastomers | Nominal Value | Unit | Test Method |
| Tensile Stress (300% Strain) | 9.81 | MPa | ASTM D412 |
| Tensile Strength (Break) | 20.1 | MPa | ASTM D412 |
| Tensile Elongation (Break) | 490 | % | ASTM D412 |
| NOTE | | | |

1. Raw, ML1+4 at 100°C

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