



BONROY INTERNATIONAL LIMITED.

Industrial Park of Qilu, Zibo City, Shandong, China.

TEL: +86 18606389100

www.bonroy-int.com

<https://www.bonroy-hydrocarbonresin/>

Technical Data Sheet: Bonroy Isoprene Rubber (BNIR)

Product Description:

Bonroy Isoprene Rubber (BNIR) is a polyisoprene with a high cis-1,4 content and high molecular weight. LHIR is milky white, homogeneous and low in impurities, shows good flowability and mixability.

Specifications

Properties	BNIR70	BNIR80
Appearance	Milky white semi-transparent solid	
Mooney Viscosity, ML	65-74	75-84
Deviation of Mooney viscosity of each batch \leq	± 4	± 4
Tensile strength, MPa $_{23^{\circ}\text{C}} \geq$	21.5	21.5
Tear strength, KN/m	30	30
Elongation at break, %, \geq	700	700
Volatiles %, \leq	0.7	0.7
Ash, %, \leq	0.5	0.5
Fe, %, \leq	0.003	0.003
Cu%, \leq	0.0001	0.0001
anti-aging agent %, \leq	1.0	1.0

Packaging and Storage

Packaging: 25.0kg multiwall paper bags .

Storage: Store at room temperature, avoid heat and light.

Application:

BNIR is suitable for all applications of natural rubber, such as tires, tapes, hoses, shoes and other rubber products, and offers many advantages which are not found in natural rubbers, including high purity, low gel content, homogeneous, transparency and luster among others, make it possible to produce products which require high degree of purity and molecular regularity. For example, it can be used to produce packaging and sealing of foods and pharmaceuticals, medical plugs and gaskets, baby bottle nipples, health care materials, adhesives and very light colored or transparent rubber product

The information in this bulletin is believed to be accurate, but all recommendations are made without warranty since the conditions of use are beyond BONROY INTERNATIONAL LIMITED's control. The listed properties are illustrative only, and not product specifications. BONROY INTERNATIONAL LIMITED disclaims any liability in connection with the use of the information, and does not warrant against infringement by reason of the use of its products in combination with other material or in any process.