

BONROY INTERNATIONAL LIMITED

Technical Data Sheet 技术数据表

异戊橡胶 LHIR

Product Description

Luhua Isoprene Rubber (LHIR) 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	LHIR60	LHIR70	LHIR80	LHIR90
Appearance	Milky white semi-transparent solid			
Mooney Viscosity, ML	55-64	65-74	75-84	85-95
Deviation of Mooney viscosity of each batch \leq	± 4	± 4	± 4	± 4
Tensile strength, MPa $_{23^{\circ}\text{C}} \geq$	21.5	21.5	21.5	21.5
Tear strength, KN/m	30	30	30	30
Elongation at break, % \geq	700	700	700	700
Volatiles %, \leq	0.7	0.7	0.7	0.7
Ash, %, \leq	0.5	0.5	0.5	0.5
Fe, %, \leq	0.003	0.003	0.003	0.003
Cu%, \leq	0.0001	0.0001	0.0001	0.0001
anti-aging agent %, \leq	1.0	1.0	1.0	1.0

Packaging and Storage

Packaging: 25.0kg multiwall paper bags .

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

Application:

LHIR 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 produc