

Specification of BIIR 2249

Product Description

BIIR 2249 is a synthetic rubber with high Mooney viscosity, a brominated copolymer of isobutylene and isoprene.

Technical Data

1、Basic Characteristics

Property	Unit	Specification	Test Method
Appearance	/	White to amber solid	Visual
Mooney Viscosity ML (1+8) 125°C	MU	46±4	GB/T 1232.1
Bromine content	wt%	2.0±0.2	Chambroad Method
Volatiles	wt%	≤0.5	GB/T 24131
Ash content	wt%	≤0.7	GB/T 4498.1
Stabilizer Content	wt%	1.2-1.6	Chambroad Method
Antioxidant (non-Staining)	wt%	≥0.03	Chambroad Method

2、Curing Characteristics

Property	Unit	Specification	Test Method
FL	dN.m	2.7±1.0	Compounding method :ASTM D3958 Test condition: SH/T 1717-2008 6.2 Test method:GB/T 16584
FH	dN.m	8.2±2.0	
ts1	min	3.8±1.2	
T50	min	6.0±1.5	
T90	min	9.0±2.0	

Application Method

It is applied in tire inner liners, anti-corrosion linings, waterproof building materials, shock-absorbing materials, shoe materials, and TPV (Thermoplastic Vulcanizate) etc.

Package

34kg per bale, individually packed in low melting PE/EVA/(EVA+PE) composite film.

Disposable iron box or Turnover iron box, 1224kg per box(34 kg per bale *36 bales).

Safety

The solid high-molecular polymer with stable and reliable performance, harmless to humans, animals, plants as well as ecology environment. For any relevant safety data, see details in MSDS.

Storage

The item must be stored in dry and ventilative warehouse and kept out of direct sunlight, moisture and contamination. The storage period is 24 months.

Legal Statement

For detailed product compliance information, please contact customer service.

This product is not intended for use in food contact applications.

Safety

When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. Given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification, it is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.