

## Specification of BIIR 2841

### 1. Product Description

BIIR 2841 is a synthetic rubber with low Mooney viscosity, a brominated copolymer of isobutylene and isoprene.

### 2. Basic Characteristics

Property	Unit	Specification	Test Method
Appearance	/	White to amber solid	Visual
Mooney Viscosity ML (1+8) 125°C	MU	41 ± 3	GB/T 1232.1-2016
Bromine content	wt%	2.0 ± 0.2	GB/T 9872
Volatiles	wt%	≤ 0.5	GB/T 24131-2009
Ash content	wt%	≤ 0.7	GB/T 4498.1-2013
Antioxidant (non-Staining)	wt%	≥ 0.03	Jingbo Method

### 3. Curing Characteristics

Property	Unit	Specification	Test Method
FL	dN.m	2.6 ± 0.9	Compounding method :ASTM D3958 Test condition: SH/T 1717-2008 6.2 Test method:GB/T 16584
FH	dN.m	7.8 ± 2.0	
ts1	min	3.1 ± 1.0	
T50	min	5.3 ± 1.0	
T90	min	8.6 ± 1.0	

### 4. Applications

It is widely used for tire inner-liners, anti-corrosive linings, waterproof materials, anti-vibration products, shoe soles, etc.

### 5. Product Packaging

34kg per bale, individually packed in low melting EVA film.

Plywood case or IBC, 36bales in total.

### 6. 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.

### 7. Storage

The item must be stored in dry and ventilative warehouse and kept out of direct sunlight, moisture and contamination. The storage period is 12 months.