

# Product Data Sheet

## CENWAY BIIR-2502

### Composition

Copolymer rubber of brominated isobutylene-isoprene with high Mooney viscosity

Basic Properties	Unit	Standard	Test Method
Product Form		Off-white bales	Visual
Mooney Viscosity (ML1+8,125°C)	MU	46±4	GB/T1232.1
Volatiles	wt%	≤0.50	GB/T 24131.2
Bromine Content	wt%	1.90±0.20	Q/XH-FX 100
Total Ash	wt%	≤0.70	GB/T 4498.1
Antioxidant (Non-staining)	wt%	≥0.03	YBX-2004
Stabilizer	wt%	1.30±0.30	Q/XH-FX 102

Cure Characteristics	Unit	Standard	Test Method
F <sub>L</sub>	dN·m	2.8±0.9	GB/T 16584 Moving Die Rheometer (MDR) 160°C x 40min, 0.5°arc
F <sub>H</sub>	dN·m	7.8±1.4	
ts1	min	3.5±1.2	
tc50	min	5.2±1.5	
tc90	min	8.5±2.0	
Test Formulation (phr)	GB/T 32676: BIIR-2502 100, IRB 40, ZnO 5, St.A 1		

### Applications

Bromobutyl Rubber BIIR-2502 has superior air impermeability, outstanding performance of heat-resistance, chemical corrosion-resistance, thermal aging resistance, good curing performance and compatibility. It can be widely used for tire inner liners, medical stoppers, corrosion-resistance lining, protective clothing, shoe soles, TPV industry, etc.

### Safety & Toxicity

BIIR-2502 is a kind of elastomer with stable performances. It is harmless and not dangerous for humans, plants or animals. Please refer to SDS for relevant safety data and reference.

### Packaging

Bale Weight (KG/Bale)	Pallet	Pallet Weight (KG)	Wrapping Film
34±0.34	Metal Box	1224(36 Bales)	EVA
	Plywood Box	1020(30 Bales)	

### Storage Life & Conditions

Two years from production date, recommended store & transport below 35°C, no exposure to sunlight.

### Statement

This product data sheet was developed pursuant to CENWAY sampling and test procedures. If requested, these test methods are available. Unless otherwise agreed in writing, the data are subject to change without notice. This document may not be distributed, displayed, copied or altered without CENWAY's prior written authorization.

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Manufacturer: Zhejiang Cenway Materials Co., Ltd.

Site: [www.cenwaymaterials.com](http://www.cenwaymaterials.com)

Address: Cofferdam Interior, Phase Three, Zhapu Economic Development Zone, Jiaying Port Area, Jiaying City, 314201, Zhejiang Province, P.R.China