

### Composition

Copolymer rubber of brominated isobutylene-isoprene with low Mooney viscosity

Basic Properties	Unit	Standard	Test Method
Product Form		Off-white bales	Visual
Mooney Viscosity (ML <sub>1+8</sub> , 125°C)	MU	32±5	GB/T1232.1-2000
Volatiles	wt%	≤0.5	GBT 24131-2009 / Q/XH-FX 078-2016
Bromine Content	wt%	1.9±0.2	Q/XH-FX 100-2013
Total Ash	wt%	≤0.7	GB/T4498.1-2013
Antioxidant (Non-staining)	wt%	≥0.02	Q/XH-FX 030-2016
Stabilizer	wt%	1.3±0.3	Q/XH-FX 102-2013

Cure Characteristics	Unit	Standard	Test Method
F <sub>L</sub>	dN·m	2.5±0.9	GB/T 16584-1996
F <sub>H</sub>	dN·m	7.4±1.4	Rotorless cure meter
ts1	min	≥1.5	(MDR)
tc50	min	5.2±1.9	160°C x 40min,
tc90	min	8.3±3.3	0.5 <sup>0</sup> arc
Test Formulation (phr)	ISO 7663/ASTM D 3958: BIIR-2302 100, IRB#8 40, ZnO 5, St.A 1		

### Applications

Bromobutyl Rubber BIIR-2302 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-2302 is a kind of elastomer with stable performances. It is harmless and not dangerous for humans, plants or animals. Please refer to MSDS for relevant safety data and reference.

### Packaging

Bale Weight (KG/Bale)	Pallet	Pallet Weight (KG)	Wrapping Film
34±0.5	Metal Case	1224 (36 Bales)	EVA
	Plywood Case	1020 (30 Bales)	

### Storage Life & Conditions

Two years from production date, 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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