

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	32±4	GB/T1232.1
Volatiles	wt%	≤0.50	GB/T 24131.2
Bromine Content	wt%	2.1±0.20	Q/XH-FX 100
Total Ash	wt%	≤0.70	GB/T 4498.1
Antioxidant (Non-staining)	wt%	0.02~0.12	Q/XH-FX 030
Stabilizer	wt%	1.30±0.30	Q/XH-FX 102
Calcium	wt%	≤2.5	Q/XH-FX 109

Cure Characteristics	Unit	Standard	Test Method
F _L	dN·m	2.5±0.9	GB/T 16584
F _H	dN·m	7.4±1.4	Moving Die
ts1	min	≥1.5	Rheometer (MDR)
tc50	min	4.3±1.8	160°C x 40min,
tc90	min	7.0±2.2	0.5 ⁰ arc
Test Formulation (phr)	GB/T 32676: BIIR-2502 100, IRB#8 40, ZnO 5, St.A 1		

Applications

Bromobutyl Rubber BIIR-2132 has superior air impermeability, outstanding performance of heat-resistance, chemical corrosion-resistance, thermal aging resistance, good curing performance and compatibility. It is particularly used for medical stoppers and other medical appliance.

Safety & Toxicity

BIIR-2132 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 / Plywood Box	1224 (36 Bales)	EVA

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

Edition: 202001

Issue Date: Jul .3, 2020