

 Panjin Cenway Materials Co., Ltd.				Release date	2021. 11. 10
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Produce Data Sheet BIIR-2132				FS	QA Dept
No	ZY-PXH-PZB006-2021-1	Version	A/1	Issue	QA Dept

Composition

Copolymer rubber of brominated isobutylene-isoprene with low Mooney viscosity

Basic Properties	Unit	Standard	Test Method
Product Form		Off-white bales	Visual
Volatiles	wt%	≤0.50	GB/T 24131.2
Mooney Viscosity ML(1+8)125°C	MU	28-36	GB/T1232.1
Total Ash	wt%	≤0.70	GB/T 4498.1
Bromine Content	wt%	1.90-2.30	Q/XH-FX 100
Stabilizer	wt%	1.00-1.60	Q/XH-FX 102
Antioxidant (Non-staining)	wt%	0.02-0.12	YBX-2004
Calcium	wt%	≤2.5	Q/XH-FX109

Cure Characteristics	Unit	Standard	Test Method
F _L	dNm	1.6-3.4	GB/T 16584
F _H	dNm	6.0-8.8	
ts1	min	≥1.5	(MDR) 160°C x 40min, 0.5°arc
tc' (50)	min	2.5-6.1	
tc' (90)	min	5.0-9.0	
Test Formulation (phr)	BIIR-2132 100, St.A 1, IRB 40, ZnO 5		GB/T 32676

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,.

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	1224 (36 Bales)	EVA
	Plywood Box	1020(30 Bales)	

Storage Life & Conditions

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

Statement

This product data sheet was developed pursuant to Panjin 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 Panjin CENWAY's prior written authorization

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