

Composition

Copolymer rubber of brominated isobutylene-isoprene with low Mooney viscosity, fast cure rate grade

Basic Properties	Unit	Standard	Test Method
Product Form		Off-white bales	Visual
Mooney Viscosity (ML1+8,125℃)	MU	32±5	GB/T1232.1-2000
Volatiles	%	≤0.5	GB/T 24131-2009
Bromine Content	%	2.1±0.2	Q/XH-FX 100-2013
Total Ash	%	≤0.7	GB/T4498.1-2013
Antioxidant (Non-staining)	%	≥0.02	Q/XH-FX 030-2011
Stabilizer	%	1.3±0.3	Q/XH-FX 102-2013

Cure Characteristics	Unit	Standard	Test Method
F _L	dN·m	2.5±0.9	Q/XH-FX 103-2013
F _H	dN·m	7.4±1.4	Rotorless cure meter
ts1	min	≥1.5	(MDR)
tc50	min	4.3±1.8	160℃ x 40min,
tc90	min	6.6±2.8	0.5 ⁰ arc
Test Formulation (phr)	ISO7663/ASTM D3958: BIIR-2301 100, IRB#8 40, ZnO 5, St.A 1		

Applications

Bromobutyl Rubber BIIR-2301 has superior air impermeability, outstanding performance of heat-resistance, chemical corrosion-resistance, thermal aging resistance, good curing performance and compatibility. It is specialized for the medical stopper production.

Safety & Toxicity

BIIR-2301 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 / Plywood Box	1224 (36 Bales)	EVA

Storage Life & Conditions

Two years from production date, store & transport below 35℃, 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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