

LANXESS BROMOBUTYL X2

Product Description

A non-staining, brominated isobutylene-isoprene copolymer with high Mooney viscosity

Supply Form

Off-white bales

Raw Material Properties

Property	Nominal Value	Unit	Test Method
Mooney Viscosity ML (1+8) 125°C	46 ± 4	MU	ISO 289 / ASTM D 1646
Volatile Matter	max. 0.7	wt %	ISO 248 / ASTM D 5668
Total Ash	max. 0.7	wt %	ISO 247 / ASTM D 5667
Bromine Content	1.80 ± 0.20	wt %	(*)
Antioxidant non-staining	min. 0.03	wt %	(*)
Stabilizer	1.3 ± 0.3	wt %	(*)

(*) LANXESS standard test method available on request

Other Product Features

Property	Typical Value		
Density	0.93	g/cm³	
Cure Characteristics	Rotorless cure meter conditions: 160°C, 1° arc, 1.7 Hz die oscillation, 30 min running time, no preheat		
	M _L	5.5 ± 0.8 dNm	ISO 6502 / ASTM D 5289
	M _H	14.3 ± 2.2 dNm	ISO 6502 / ASTM D 5289
	ts1	2.7 min.	ISO 6502 / ASTM D 5289
	tc90	9.0 ± 2.2 min.	ISO 6502 / ASTM D 5289
Test Formulation	MIM mixed compound: according to ISO 7663 / ASTM D 3958		
	LANXESS	100 (parts by mass)	
	BROMOBUTYL X2		
	IRB #7 black	40	
	NBS Stearic acid	1	
	NBS Zinc oxide	5	

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Packaging	34 kg bales in dispersible EVA film (Vicat softening point max. 80°C, ISO 306 / ASTM D 1525) or strippable PE film (Melting point max. 105°C, ASTM D 3418); pallets of 30 bales (1020 kg) and 36 bales (1224 kg)
Storage Life/Conditions	2 years from date of production at temperatures not exceeding 35°C and protected against sunlight.
Product Safety	Relevant safety data and references as well as the possibly necessary warning labels can be found in the corresponding safety data sheet, which is available on www.techcenter.lanxess.com .

These raw material properties are typical and, unless specifically indicated otherwise, are not to be considered as delivery specification.

Health and Safety Information: Appropriate literature has been assembled which provides information concerning the health and safety precautions that must be observed when handling the LANXESS products mentioned in this publication. For materials mentioned which are not LANXESS products, appropriate industrial hygiene and other safety precautions recommended by their manufacturers should be followed. Before working with any of these products, you must read and become familiar with the available information on their hazards, proper use and handling. This cannot be overemphasized. Information is available in several forms, e.g., *material safety data sheets, product information and product labels*. Consult your LANXESS representative for further information.

Regulatory Compliance Information: Some of the end uses of the products described in this publication must comply with applicable regulations, such as the FDA, BfR, NSF, USDA, and CPSC. If you have any questions on the regulatory status of these products, contact your LANXESS representative.

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Note: The information contained in this publication is current as of May 10, 2011. Please contact your LANXESS representative to determine if this publication has been revised.

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