

LANXESS BROMOBUTYL 2030

Product Description

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

Supply Form

Off-white bales

Raw Material Properties

Property	Nominal Value	Unit	Test Method
Mooney Viscosity ML (1+8) 125°C	32 ± 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	1.8 ± 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	4.3 ± 0.8 dNm	ISO 6502 / ASTM D 5289
	M _H	12.5 ± 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 BROMOBUTYL 2030	100 (parts by mass)	
	IRB #7 black	40	
	NBR Stearic acid	1	
	NBS Zinc oxide	5	

LANXESS BROMOBUTYL 2030

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.

NAFTA - LANXESS Corporation

3050 West Market Street · Fairlawn, OH 44333, USA · Phone: +1 330 873 4445

EMEA/LATAM - LANXESS International SA

Route Louis Braille 12 · 1763 Granges-Paccot, Switzerland · Phone: +41 26 422 8300

APAC - LANXESS Butyl Pte., Ltd.

3A International Business Park · #07-10/18 ICON@IBP Tower B · Singapore 609935, Singapore · Phone: +65 6725 5888

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by us. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with patents covering any material or its use. No license is implied or in fact granted under the claims of any patent and any warranty of non-infringement is expressly disclaimed.

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.

Issue number: Nr.3 / Date of issue: May 10, 2011 / Previous issue from June 4, 2008 / Information current as of date of issue. Please contact your LANXESS representative to determine if this publication has been revised.