

LANXESS BROMOBUTYL 2040

Product Description

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

Supply Form

Off-white bales

Raw Material Properties

Property	Nominal Value	Unit	Test Method
Mooney Viscosity ML (1+8) 125°C	39 ± 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	4.9 ± 0.8 dNm	ISO 6502 / ASTM D 5289
	M _H	13.4 ± 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 2040		
	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.

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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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