

X_Butyl[®] BB 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 %	(*)

(*) standard test method available on request

Other Product Features

Property	Typical Value
Density	0.93 g/cm ³
Cure Characteristics	Rotorless cure meter conditions: 160°C, 1° arc, 1.7 Hz die oscillation, 30 min running time, no preheat
	ML 4.3 ± 0.8 dNm ISO 6502 / ASTM D 5289
	MH 12.5 ± 2.2 dNm ISO 6502 / ASTM D 5289
	ts1 2.7 min. ISO 6502 / ASTM D 5289
	tc90 8.6 ± 2.2 min. ISO 6502 / ASTM D 5289
Test Formulation	MIM mixed compound: according to ISO 7663 / ASTM D 3958
	X_Butyl [™] BB 2030 (phr) 100
	IRB #8 black 40
	NBS Stearic acid 1
	NBS Zinc oxide 5

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Packaging	34 kg bales in dispersible EVA film (Melting point max. 108°C, ASTM D3418 or 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 kgs) and 36 bales (1224 kgs)
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 http://www.butyl.com .

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

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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 ARLANXEO representative.

NAFTA - ARLANXEO USA LLC
111 RIDC Park West Drive, Pittsburgh, PA 15275, United States

EMEA/LATAM - ARLANXEO Switzerland S.A.
Chamblieux-Parc 12, PO Box 173, 1763 Granges-Paccot, Switzerland

APAC - ARLANXEO Singapore Pte.Ltd.
3A International Business Park, #07-10/18 ICON @ IBP Tower B, Singapore 609935

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