

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
Bromine content	1.8 ± 0.20	wt %	(*) (1)
Antioxidant non staining	min. 0.03	wt %	(*) (1)

(*) (1) Lanxess standard test method available on request

Other Product Features

Property	Typical Value
Density	0.93 g/cm ³
Total Ash	max. 0.7 wt.% ISO 247 / ASTM D 5667
Stabilizer	1.3 ± 0.3 wt.%
Cure Characteristics	Test formulation (see below) Rotorless cure meter conditions: 160 °C, 1 ° arc, 1.7 Hz die oscillation, 30 min running time, no preheat Min. torque ML----- 4.3 ± 0.8 ---dNm ISO 6502 / ASTM D 5289 Max. torque MH-----12.5 ± 2.2 ---dNm ISO 6502 / ASTM D 5289 Scorch time ts1 -----2.7 -----min ISO 6502 / ASTM D 5289 Cure time tc90 -----9.0 ± 2.2 ---min ISO 6502 / ASTM D 5289
Test formulation	according to ISO 7663 / ASTM D 3958 (MIM mixed compound) Lanxess Bromobutyl 2030--- 100 (parts by mass) 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) or strippable PE film (melting point max. 105 °C); pallets of 30 bales (1020 kg)
Marking	bales are marked with grade name; pallets are marked with <ul style="list-style-type: none">- grade name- production date/lot number- net and gross weight- box number- customer information
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 safety data sheet no. 440713.

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

Issue number: LXS 01 / Date of issue: March 15, 2005 / Previous issue from 01-08-2004

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