

Product Specification

LANXESS BUTYL 402

Product Description

A non-staining, high unsaturation isobutylene - isoprene copolymer with low Mooney viscosity. Product stored according to proper instructions⁽¹⁾ should be used within 5 years from date of manufacture.

Raw Polymer Properties

Property	Range	Test Method
Mooney viscosity, ML 1+8 (125°C) (MU)	33 ± 4	ASTM D 1646 ⁽²⁾
Volatile matter (wt %)	0.3 max.	ASTM D 5668 ⁽²⁾
Ash (wt %)	0.3 max.	ASTM D 5667 ⁽²⁾
Antioxidant (non-staining) (wt %)	0.03 min.	⁽³⁾
Unsaturation (mol %)	2.25 ± 0.20	⁽³⁾

Other Product Features	Property	Typical Value	Test Method
	Specific gravity	0.92	
	Total Stearates (wt %)	0.5	⁽³⁾
	Color	White	
	Film wrap		
	Dispersible film; Vicat Point (° C)	80 max.	ASTM D 1525 ⁽²⁾
	Strippable film; Melting point (° C)	105 max.	ASTM D 3418

⁽¹⁾ See Material Safety Data Sheet

⁽²⁾ Equivalent procedures:

ASTM D 1525 = ISO 306

ASTM D 1646 = ISO 289

ASTM D 5668 = ISO 248

ASTM D 5667 = ISO 247

⁽³⁾ LANXESS standard method available upon request

This specification refers to product manufactured by LANXESS Rubber N.V.

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