

Product Specification

LANXESS Butyl 301

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

Raw Polymer Properties	Property	Range	Test Method
	Mooney viscosity		
	ML 1+8 (125°C) (MU)	51 ± 5	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 %)	1.85 ± 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) Bayer standard method available upon request

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