

BK-1675 N

General Purpose Butyl Rubber (IIR)

Description

BK-1675 N is an isobutylene-isoprene rubber with a yellowish-white bale colour.

End Use

Used in inner tire tube and rubber seal production, diaphragms of shaper-vulcanizers, latex of butyl rubber, curing bags and bladders, vibration dampers, conveyor belts, automotive and industrial molded parts, tank and reservoir linings, electrical insulations, caulks, sealants and sealant tapes, pipe wrappings, gaskets, appliance parts and more.

Features

- Very low air permeability and very good gas barrier properties
- Excellent electric performance
- Excellent thermal aging resistance

Packing

- 30 kg bales
- 15 bales per pallet (450 kg net weight)
- Normal (0.03 - 0.04 mm)

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Raw Polymer: Chemical Analysis

Property	Unit	Target	Test Method
Volatile Matter	%	0.4 max	ASTM D1416
Ash	%	0.4 max	ASTM D1416
Unsaturated	% mol	1.4 - 1.8	
Antioxidants	%	0.05 - 0.20	
Calcium Stearate Content	%	1.1 max	
Mooney Viscosity*	ML ₁	47 - 57	ASTM D1416

* ML 1+8 (125°C)

Test Compound

Property	Unit	Target	Test Method
Tensile Strength (35')	MPa	20 min	
Elongation (35')	%	620 min	
Modulus 400% (35')	MPa	8.0 min	

Note: The technical data listed in this publication are typical values. Therefore, there may be a slight differences between the elements of a supplied product and the data.