

TECHNICAL SPECIFICATION

Butyl Rubber IIR 532

IIR 532 Butyl Rubber is a synthetic Rubber known for its exceptional impermeability to gases and liquids. It is a copolymer of isobutylene and a small amount of isoprene, which gives it unique properties. Its high molecular weight contributes to its low permeability, making it an ideal choice for manufacturing products such as inner tubes for tires, seals, gaskets, and pharmaceutical stoppers.

Application : Regular Butyl Rubber IIR532 has superior air impermeability, outstanding performance of heat-resistance, chemical corrosion-resistance, thermal aging resistance, and good curing performance. It can be widely used for inner tubes of tires, tire envelopes, medical stoppers, sealing materials, ball bladders, building sealants, electrical condensers, etc.

Property : Exhibits good electrical insulation properties, making it suitable for applications in the electrical industry. Its stable chemical structure also allows it to withstand exposure to acids, alkalis, and various chemicals, expanding its range of applications across different markets. Mechanical properties improves its tensile strength and tear resistance.

*Equivalent grades of Exxon IIR-268, Arlanxeo IIR-301, BK 1675N

Basic Properties	Unit	Standard	Test Method
Appearance		White or off-white	Visual
Mooney Viscosity (ML 1 +8,125 C)	MU	51±5	GB/TI 232.1
Volatiles	wt%	≤0.3	GB/T 24131.2
Unsaturation	mol%	1.7±0.2	GB 1886.359
Total Ash	wt%	≤0.3	GB/T 4498.1
Antioxidant (Non-staining)	wt%	≥0.03	YBX-2004

Package 25kg Modified PE bags, (1050kg/plywood palet) (1200kg/metal box)

Shelf Life 3 years

Warehousing Store and transport below35°C, no exposure to sunlight

Origin China

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