

TECHNICAL SPECIFICATION

Bromo Butyl Rubber BIIR 2302

Bromobutyl Rubber, a synthetic rubber derived from the copolymerization of isobutylene with a small percentage of bromine, stands out as a versatile material with unique properties. This elastomer, known for its exceptional gas impermeability and controlled curing characteristics, finds applications in various industries.

Application : Tire inner liners, rubber stoppers, sealing applications, including gaskets and seals in industries such as construction and manufacturing. Bromobutyl Rubber BIIR 2302 has superior air impermeability, outstanding performance of heat-resistance, chemical corrosion-resistance, thermal aging resistance, good curing performance and compatibility. It can be widely used for tire inner liners, medical stoppers, corrosion-resistance lining, protective clothing, shoe soles, TPV industry, etc.

Property : Similar to Butyl Rubber, Bromobutyl Rubber maintains a high level of gas impermeability. This property makes it particularly valuable in applications where maintaining a barrier against gases is crucial, such as in the production of tire inner liners. Thermal stability across a wide temperature range. high level of gas impermeability,

*Equivalent grades of Exxon BIIR 2222, Arlanxeo BIIR 2030, BBK 232

Basic Properties	Unit	Standard	Test Method
Appearance		Off-white to light yellow	Visual
Mooney Viscosity (ML 1+8,125 C)	MU	32±4	GB/T 1232.1
Volatiles	wt%	≤0.50	GB/T 24131.2
Bromine Content	wt%	1.90±0.20	Q/XH-FX 100
Total Ash	wt%	≤0.70	GB/T 4498.1
Antioxidant (Non-staining)	wt%	≥0.03	YBX-2004
Stabilizer	wt%	1.30±0.30	Q/XH-FX 102

Package 34kg EVA bags, (1020kg/plywood box) (1224kg/metal box)

Shelf Life 2 years

Warehousing Store and transport below 35°C, no exposure to sunlight

Origin China

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