

Specification of FG-09

1.Product Description

Butyl rubber FG-09 is a high Mooney viscosity rubber copolymerized with isobutylene and a small amount of isoprene.

2.Basic Characteristics

Property	Unit	Specification	Test Method
Appearance	/	White to light-yellow solid	Visual
Mooney Viscosity ML (1+8) 125℃	MU	51.0±5.0	ISO 289 / ASTM D 1646
Unsaturation	mol%	1.75±0.2	GB/T 34247.2
Volatile Content	wt%	≤1.0	ISO 248 / ASTM D 5668
Ash Content	wt%	≤0.3	ISO 247 / ASTM D 5667
Antioxidant (1010)	wt%	0.015~0.05	Chambroad Method
Isobutene	mg/kg	≤10	GB 1886.359
Isoprene	mg/kg	≤10	GB 1886.359
Lead	mg/kg	≤3	GB 5009.12
Arsenic	mg/kg	≤3	GB 5009.11
Mercury	mg/kg	≤0.5	GB 5009.17
Cadmium	mg/kg	≤1	GB 5009.15

3. Applications

Butyl Rubber FG-09 is a special grade for food contact, mainly used in food applications such as the base gum of chewing gum and bubble gum.

4. Product Packaging

Weight of rubber block (kg/bale)	Packing box	Weight of single box (kg)	Packaging film
25±0.125	Disposable iron box or turnover iron box	1200 (25 kg per bale *48 bales)	Packed individually with strippable food grade PE/ (PE+EVA) composite film.

5. Safety

The solid high-molecular polymer with stable and reliable performance, harmless to humans, animals, plants as well as ecology environment. For any relevant safety data, see details in MSDS.

6. Storage

The item must be stored in dry and ventilative warehouse and kept out of direct sunlight, moisture and contamination. The storage period is 18 months.

Legal Statement

For detailed product compliance information, please contact customer service.

Safety

When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. Given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product result exclusively from the statements made in the product specification, it is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.