

Technical Data Sheet

Polyisobutylene PIB

Specifications:

Type:	HDRF-	350	450	550	650	750	850	950
Viscosity Average MW \pm 5000		35000	45000	55000	65000	75000	85000	95000
Staudinger Index		21.5-26.0	26.5-31.0	31.5-36.0	33.5-39.0	39.0-43.0	43.0-46.0	46.0-52.0
Color		Colorless or yellowish						
Odor		Odorless or a little special smell						
Shape and Properties		Transparent thick liquid or Elastic solid						
Antioxidants		No						
As (mg/L) max		1.0						
Heavy metals as pb (mg/L) max		10.0						
Pour point °C		100						
Volatiles 105°C 2h wt % max		0.3						
Bacterial Colony cfu/g max		10 000						
Coli Group MPN/100g max		30						

Transparent or yellowish food-grade polyisobutylene semi-solid, odorless or little special smell.

Usage:

- **Chewing gum:** polyisobutylene and paraffin wax, resin mixture, to improve the quality of chewing gum; same time, the gum becomes softer, more stable, good hydrophobicity, and has excellent film properties.
- **Food adhesive:** polyisobutylene with various adhesives (including pressure-sensitive adhesive) mixed, primarily from bonding with the modified role. Polyisobutylene hydrophobic and hydrophilic substances (CMC; pectin; gel) mixture, keeping the absorption and high temperature stability and low toxicity, adjusting the hardness, anti-bacterial.
- **Food packaging materials:** paraffin and polyisobutylene polymer with a variety of polymer blend, used as a packaging film of release agent, such as: polyisobutylene and paraffin wax, polymer film for packaging cheese. Polyisobutylene products can improve the low-temperature stability, improved water resistance.
- **Food-grade glue:** the role of polyisobutylene with a plasticized, thermoplastic rubber (TPR) and so on.
- **Medical Plaster:** food-grade polyisobutylene Plaster is widely used in the field of medicine, long-chain molecules as polyisobutylene unique grid structure of Western medicine; Chinese medicine has a good tolerance. No allergies, with repeat use of stickers, sticky hair and other features have made the development of materials for the mainstream medical plaster.

Packaging Storage and Transportation:

20kg/Carton ,60 cartons(6 layers) 1200kg per pallet, 10 pallets (12000kg) per 20'ctr, 20 pallets (24000kg) per 40'ctr

Katosan shall not be responsible for the use of this information, or of any product, method, or apparatus mentioned, and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and for the health and safety of employees and purchasers of your products. No warranty is made of the merchantability of fitness of any product, and nothing herein waives any of the Seller's conditions of sale

Katosan Hong Kong Ltd.

Headquarter: 3806 Central Plaza, 18 Harbour Road, Wanchai, Hong Kong
Tel France : +33607871031

Certificate of Incorporation Number : 1801231