

DowSyn HB-150

Description :

DowSyn HB-150 is high molecular weight polyisobutene from pure isobutene homopolymers with excellent air tightness, heat resistance, electrical insulation, ozone aging resistance. Between its protective barrier and adhesive properties, they can be widely used in sealant, adhesive, shock absorption and damping, insulating materials and other industries.

Typical performance :

| Item | Unit | Spec | Typical |
|------------------------------------|--------------------|--------------------------------|---------|
| Appearance | | Off-white Gray rubber block | Pass |
| Staudinger Index | cm ³ /g | 270-350 | 346 |
| Viscosity Average Molecular Weight | Mv*10 ⁴ | 117-175 | 172 |
| Weight Average Molecular Weight | Mw*10 ⁴ | Report | 202 |
| Volatiles | wt% | ≤0.30 | 0.16 |
| Total Ash | wt% | ≤0.04 | 0.03 |

Typical Properties are obtained with normal production and do not constitute as specification.

Application :

Adhesive: Combination with the medium-molecular-weight PIB or with natural rubber for the production of adhesives for pressure-sensitive products.

Building industry: For sealing membranes used to seal buildings from standing water

Rubber Industry Electrical industry Inorganic filler Mixtures with Waxes and Bitumen

Storage Life & Conditions

Three years from production date. Store below 35°C. Prevent exposure to sunlight.