

## DowSyn HB-400

### Description :

DowSyn HB-400 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	Specification	Typical
Appearance		Off-white Gray rubber block	Pass
Staudinger Index	cm <sup>3</sup> /g	520-650	600
Viscosity Average Molecular Weight	Mv*10 <sup>4</sup>	320-455	400
Weight Average Molecular Weight	Mw*10 <sup>4</sup>	290-390	320
Volatiles	wt%	≤0.3	0.23
Total Ash	wt%	≤0.04	0.03

Typical Properties are obtained with normal production.

### 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.