

Polybol 500

High Molecular Weight Polyisobutene

| Property | Test Method | Unit | Typical Value |
|---|-------------|--------------------|-----------------------|
| Appearance | Visual | - | Transparent to turbid |
| Color | Visual | | White to amber |
| Staudinger Index | BASF method | cm ³ /g | 140 |
| Viscosity Average Molecular Weight Mv | BASF method | | 425.000 |
| Weight Average Molecular Weight Mw | GPC | | 565.000 |
| Molecular Weight Distribution Mv/Mn | GPC | | 2,4 |
| Volatiles at 150 °C, 4 h, 150 mbar | BASF method | % | < 0,3 |
| Fluorine Content | BASF method | ppm | < 2 |
| Chlorine Content | BASF method | ppm | < 90 |
| Ash Content | BASF method | ppm | < 200 |
| Glass Transition Temperature | DSC | °C | -64 |
| Specific Heat | BASF method | kJ/kg.K | 2 |
| Heat Conductivity | BASF method | W/m.K | 0,2 |
| Relative Permittivity at 100 Hz, 1 mm, RT | IEC 60250 | | 2,7 |
| Specific Resistance | IEC 60093 | Ω.cm | 10 ¹⁶ |

Before using this product, the user is advised and cautioned to make its own determination and assessment of the safety and suitability of the product for the specific use in question and is further advised against relying on the information contained herein as it may relate to any specific use or application. It is the ultimate responsibility of the user to ensure that the product is suitable and the information is applicable to the user's specific application.