

# Technical Data Sheet



## Polybol 1000

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 <sup>3</sup> /g	270
Viscosity Average Molecular Weight Mv	BASF method		1.110.000
Weight Average Molecular Weight Mw	GPC		1.550.000
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 <sup>16</sup>

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.