

Technical Data Sheet



Polybut HR 1000

Low Molecular Weight High Reactive Polyisobutene

Property	Test Method	Unit	Typical Value
Appearance	Visual	-	Clear and Colourless
Molecular Weight Mn	ASTM D-3536	g/mol	1.000
MW distribution Mw/Mn	ASTM D-3536	-	1,6
Alpha-Olefin Content	GC	%	83
Kinematic Viscosity @ 100°C	ASTM D-445	cSt	190
Kinematic Viscosity @ 40°C	ASTM D-445	cSt	4.650
Viscosity Index	ISO 2909	-	140
Density @ 20°C	ASTM D-4052	g/cm ³	0,89
Flash Point (COC)	ASTM D-92	°C	210
Pour Point	ISO 3016	°C	-9
Colour (APHA)	ASTM D-1209	Pt-Co Scale	10
Water Content	ASTM D-6304	ppm	10
Chlorine Content	ASTM D-7359	ppm	< 1
Fluorine Content	ASTM D-7359	ppm	1

Typical Applications

Synthesis of fuel and lubricating additives
Lubricating oils and greases
Electrical insulation
Rubber
Adhesives & Sealants
Cling film

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.