

Polybut PIBSA

Polyisobutene succinic anhydride

Polybut PIBSA is based on chlorine-free highly reactive PIB (Polyisobutenes) with a molecular weight Mn of 1.000, resulting in a higher level of functionality and a substantially higher purity level compared to PIBSA grades based on conventional PIB (Polybutenes).

Property	Test Method	Unit	Typical Value
Density at 20 °C	DIN 51 757	kg/m ³	920
Viscosity at 40 °C	DIN 51 562	(mm ² /s)	27.900
Viscosity at 50 °C	DIN 51 562	(mm ² /s)	11.500
Viscosity at 60 °C	DIN 51 562	(mm ² /s)	5.200
Viscosity at 80 °C	DIN 51 562	(mm ² /s)	1.400
Viscosity at 100 °C	DIN 51 562	(mm ² /s)	480
Flash Point	DIN 51 755	°C	180
Saponification Number	BASF Method	mg KOH / g	87
Activity	BASF Method	%	78
Maleic Anhydride Content	BASF Method	%	0,1
Bismaleination Degree	BASF Method	%	16

Applications

- Raw material for highly selective reaction processes, including the production of fuel & lubricant additives.
- Emulsifiers which require raw materials with a low bismaleination value.
- Component in formulations which require both adhesion, bonding and corrosion protection.

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.