

## HIGH REACTIVE POLYISOBUTYLENE

### ● *Introduction*

High Reactive Polyisobutylene is mainly used in the production of ashless dispersants, additives for flushing the fuel system of a gasoline engine, and anticorrosion additives.

PIB is suitable for wide range of applications such as greases, oil thickeners, gear oils, hydraulic oils, compressor oils and even metalworking fluids. It doesn't leave any residue post volatilization or thermal decomposition. PIB has increased reactivity and the ability to directly fall into the functional group.

### ● *Specifications*

Item	Typical Value		
	PIB-1000H	PIB-1300H	PIB-2300H
Kinematic Viscosity @ 100°C, mm <sup>2</sup> /s	195	439	1538
Color, APHA	10	10	10
Density @ 15°C, kg/m <sup>3</sup>	880	896	901
Volatile @ 105 °C, %	1.28	0.78	0.18
Molecular Weight (g/mol)	900-1100	1200-1400	1900-2500
Molecular Weight Distribution Width Index	2.0	2.1	2.4
Molecular Weight of $\alpha$ -olefin, %	88.6	87.8	82.4
Flash Point (COC), °C	204	221	238

### ● *Package, Handle & Storage*

- Packed in 200L metal drum, IBC-Tank or made to order.
- Long term storage temperature should not exceed 45°C.
- Handle & blending temperature should not exceed 65°C.
- Not dangerous chemical, store in dry & clean warehouse.