

POLYISOBUTYLENE PIB

●Introduction

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

The addition of polyisobutylene to lubricating oil can increase lubrication, control accumulation of ash scale, enhance anti-wear protection, gear oil, two-stroke oil (two-stroke engine used for motorcycle, lawn mower, etc.), metal working fluid (stretching oil, cutting oil and quenching oil, etc.) and the addition of polyisobutylene to lubricating formula can adjust viscosity, improve low temperature performance, enhance adhesion and help clean combustion.

●Specifications

Item	PIB-950	PIB-1300	PIB-1400	PIB-2300
Kinematic Viscosity @ 100°C, mm ² /s	200~245	640~760	730~870	1400~1800
Color, APHA	<50	<50	<50	<50
Density @ 15°C, kg/m ³	884	898	900	905
Molecular Weight (Mn)	950-1050	1300-1400	1400-1500	2300-2400
Pour Point, °C	-9	-6	0	0
Water, mg/kg	30	30	30	30
Flash Point (COC), °C	210	230	236	250
Sodium, mg/kg	<1	<1	<1	<1
Kalium, mg/kg	<1	<1	<1	<1
Iron, mg/kg	<1	<1	<1	<1
Total Sulfur, mg/kg	<0.5	<0.5	<0.5	<0.5
Acid Value, mgKOH/g	0.02	0.02	0.02	0.02
Breakdown Voltage, KV	43	43	43	43
Dielectric Constant	2.16	2.18	2.18	2.18

●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.