



CHEMPOL
ADDITIVES & CHEMICAL SPECIALTY

CHEMPIB 900

LOW MOLECULAR WEIGHT PIB

DESCRIPTION:

CHEMPIB 900 is a low molecular weight polyisobutylene with a molecular weight ranging from **900 to 1000**. It has a narrow molecular weight distribution and negligible sulfur content, with chemical stability and resistance to oxidation by both light and moderate heat. It is transparent, free of particles, and the leading choice for a wide range of applications.

CHEMPIB 900 is a viscous, non-toxic, and inert polymer and has the ability to increase tackiness.

- Lubricants: Two-Stroke Engine Oils, Compressor Oils, Metal Working Fluids, Gear Oils, Grease, Wire Rope Protective
- Adhesives
- Pressure Sensitive Adhesives (PSA)
- Hot-Melt Adhesives (HMA)
- Water-Based Adhesives (Polybutene Emulsion)



Performance and Features:

- Water-White color (transparent viscous liquid)
- Non-Odor & Nontoxic & High Purity
- Tacky
- Hydrophobic & Inertness
- Excellent Stability of Oxidant and UV light
- Superior Shear Stability
- Outstanding Lubricity

PRODUCT CHARACTERISTICS:

ITEM	SPECIFICATION	TYPICAL
Appearance, Visual	Clear Viscous Liquid	Clear Viscous Liquid
Color, max, ASTM D1209	<50	40
Density (15°C), kg/m ³ , ASTM D4052	880-900	890
Kinematic Viscosity (100°C) mm ² /s, ASTM D445	200-250	230
Flash Point (COC), °C, ASTM D92	≥180	200
Pour Point, °C, max, ASTM D97	-3	-6

HANDLING INFORMATION:

- Max Handling Temp: 75°C
- Recommended Long-Term Storage Temp: ≤45°C
- Shelf Life: Refer to MSDS for specific details
- Packing Options: 200 KG drums, 1000 KG IBCs, and bulk ISO tanks
- Storage & Safety: Nonflammable, non-explosive, non-corrosive. Follow all guidelines in the product MSDS for safe handling and environmental precautions.