

PB 2400

*Product Specifications

Test Item	Unit	Test Method	Specification
Color(AHPA)	–	ASTM D1209	Max 50
Viscosity(100°C)	cSt	ASTM D445	4,500 ~ 4,900
Flash Point(COC)	°C	ASTM D92	Min 250
Acid Value	mgKOH/g	ASTM D974	Max 0.01
Water	Wt-ppm	ASTM D6304	Max 40

Properties of DAELIM PolyButene

- Water-White Color (transparent viscous liquid)
- Non Odor & Non-Toxic & High Purity
- Tacky
- Hydrophobic & Inertness
- Excellent Stability of Oxidant and UV Light
- Superior Shear Stability
- Excellent Electrical Insulating Properties
- Great Water Repellency (very low moisture transmission rates)
- Outstanding Lubricity & Permanently Non-Drying
- Clean Decomposition & No Residue
- Low Pour Points & Superior Viscosity Index(VI)
- Non-Staining Characteristics (non-corrosive)

**Typical Value of PB 2400

Typical Properties	Unit	Test Method	Typical Value
Molecular Weight (Mn)	–	GPC(Gel Permeation Chromatography)	2,400
Kinematic Viscosity(40°C)	cSt	ASTM D445	206,000
Kinematic Viscosity(100°C)	cSt	ASTM D445	4,700
Flash Point(COC)	°C	ASTM D92(Cleveland Open Cup)	260
Flash Point(PM)	°C	ASTM D93B(Pensky-Martens)	190
Color(AHPA)	–	ASTM D1209	15
Pour Point	°C	ASTM D97	17
Water	Wt-ppm	ASTM D6304	20
Acid Value	mgKOH/g	ASTM D974	0.01
Dielectric Constant(80°C)	–	ASTM D924	2.20
Dielectric Breakdown Voltage(2.5mm)	kV	ASTM D149	50

Important Notice to User

The result on this technical data are reliable under the limited conditions and methods mentioned. It should be needed the user to get suitability for commercial use.

Application

- Lubricants
 - Two-Stroke Engine Oils, Compressor Oils, Metal Working Fluids
 - Hydraulic Fluids, Gear Oils, Grease, Wire Rope Protective
- Adhesives
 - Pressure Sensitive Adhesives(PSA), Hot-Melt Adhesives(HMA)
 - Water-Based Adhesives(Polybutene Emulsion)
- Polymer(HIPS) / Rubber / Asphalt Modification
- Rat/Fly Trapping component
- Caulks & Sealants
 - Automotive Sealant, Window Sealant, Tire Sealant(Puncture sealant)
- Stretch Wrap/Silage Film (using PB Master Batch)
- Food Additives & Personal Care
 - Gum Base (using Food Grades; PB1300F, PB1400F), Cosmetics
- Electrical Insulation
 - Cable Jelly Compound, Submarine Cable Insulating Oils
 - Cable Insulation Oils, Condenser & Capacitor

Cautions and Recommendations

Preliminary statement For safe handling information on this product, consult the Material Safety Data Sheets (MSDS)

*Handling

- Wear protective gloves/ protective clothing/ eye protection/ face protection
- Maintain below flash point, protect to leak of liquid or vapor.
- Keep away from open flames, shut off the production of source of ignition (electricity/electricity sparks/heat/material of high-temperature)
- Ground/bond all container and receiving equipment, use equipment of prevention of explosion.
- Do not breathe vapor or mist when using this material. Avoid prolonged or repeated contact with skin. Avoid contact with eyes.
- Empty containers may contain harmful, flammable/combustible or explosive residue or vapors.
- Wash thoroughly after handling.

Storage

- Keep container tightly closed in a cool, well-ventilated place.
- Keep container tightly closed before use.
- Avoid contact with incompatible materials.
- Keep away from heat, sparks, open flames, source of ignition.
- Suitable storage materials : mild steel/ carbon steel

Hazards Identification

- GHS Classification : Not Classifiable
- GHS label elements
 - Hazard symbols : Not Classifiable
 - Signal word : Not Classifiable
 - Hazard statement : Not Classifiable
 - Precautionary statements : Not Classifiable
- Other hazards which do not result in classification
 - May causes irritation if contact with eyes, skin, mucous membranes.
 - If contact with non-refrigerated product, may causes burns.
 - NFPA Classification(0~4 steps) : Health=1, Flammability=1, Reactivity=0
 - HMIS Classification(0~4 steps) : Health=1, Flammability=1, Reactivity=0

Health and Safety

Health and Safety Guidance on Health and Safety are available on the appropriate Material Safety Data Sheets (MSDS) that can be obtained from DAELIM Industrial Co., Ltd. representative.

Understand the Material Safety Data Sheets (MSDS) for additional information on personal protective equipment and for safety, health, environmental & toxicology information, first aid measures, ecological & regulatory information.

If additional information is required, please contact the below.

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