

# Polybutene PB2400

Polybutene PB2400 by Daelim Industrial is a chemically stable, high purity, hydrophobic, non-toxic polybutene. Designed for pressure sensitive, hot melt & tape/label adhesives, sealants and caulks. Provides very good insulating property, tackiness and good adhesion/cohesion. Improves tack and peel strength. Shows very good stability to heat and UV radiation and high resistance to air oxidation. It has no additive, very low chlorine/sulfur content, very low acid value and high viscosity index. Offers compatibility with other lubricants and oils, resins, elastomers and solvents. It decreases melt index and offers flexibility at low temperature. Polybutene PB2400 can be used as a tackifier, plasticizer and extender.

## Product Type

Plasticizers > Polyisobutylenes (PIB)

## Chemical Composition

Polybutene

## CAS Number

9003-29-6

## Physical Form

Various

## Product Status

COMMERCIAL

## Applications/ Recommended for

- Adhesives > Hot-melts > Pressure sensitive (HMPSA)
- Sealants

# Polybutene PB2400 Properties

**Molecular Weight** 2450

**Viscosity** 4700 cSt

**Fresh Point** > 240 °C Cleveland Open Cup

**Specific Gravity** 0.905 At 25°C

**Pour Point** 17 °C

**Loss on Heating** < 0.2 %wt

**Color, APHA** 50

**Water Content** < 40 ppm

## Solubility Properties

**Soluble in** aliphatic and aromatic solvents and chlorines

**Partially soluble in** ethyl acetate, n-butanol and i-butanol

**Insoluble in** water, methylacetate, isopropylacetate, methanol, ethanol and IPA