

NorthStar Elastomers

TECHNICAL DATA SHEET

Product Name: Norst® PB-500

Product Description

Norst® PB-500: Particulate for thermoplastic applications. It is odorless and highly stable.

Typical Properties

Viscosity: 75,000 – 95,000 cps at 350°F
Brookfield HBT Model, No. 6 spindle, 50 RPM

Specific Gravity: 1.15

Chemical Resistance: Comparable to polyisobutylene

Cold Flow: No, but will melt at high temperatures

Classification: Proprietary Compound of 100% solids based upon butyl and ethylene propylene rubbers

Color: White to off-white

Uses

Hot melt adhesives
Hot melt sealants
Asphalt Modification

Benefits

Builds heat resistance in hot melt adhesives
Builds strength in hot melt adhesives
Melt viscosity low relative to its melt point and solid point
Stops cold flow and migration when mixed with polybutenes

Products

Extruded, injection molded and post-formed thermoplastic goods.

Packaging

Net 45 pound corrugated boxes

Compatibility

Good with aliphatic resins, oils, and rubbers
May be problems with resins with aromatics

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