

NorthStar Elastomers

TECHNICAL DATA SHEET

Product Name: Norst® PB-800

Product Description

Norst® PB-800: Particulate for thermoplastic applications. It is odorless and highly stable.

Typical Properties

Viscosity: 200,000 – 240,000 cps at 350°F
Brookfield HBT Model, No. 6 spindle, 20 RPM

Specific Gravity: .85-.90

Chemical Resistance: Comparable to polyisobutylene

Cold Flow: No, but will melt at high temperatures

Classification: Proprietary Compound of 100% solids based upon butyl rubber

Color: Light amber to light brown

Uses

Hot melt adhesives
Hot melt sealants
Asphalt Modification
PSA

Benefits

Improves strength & elasticity in hot melt adhesives
Builds heat resistance in hot melt adhesives and asphalts
Melt viscosity low relative to its melt point and solid point
Stops cold flow and migration when mixed with polybutenes,
butyl rubber, unoxidized asphalts and oxidized asphalts
Ball and ring of most systems not affected

Products

Adhesives and extruded, injection molded and post-formed thermoplastic goods.

Packaging

Net 45 pound corrugated boxes

Compatibility

Good with aliphatic resins, oils, asphalts and polybutenes, butyl rubber, ethylene propylene rubbers, etc.
May be problems with aromatic resins

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