BSVP Latex

Properties and Characteristics

Butadiene-styrene-vinyl-pyridine latex (BSVP Latex) is an emulsion polymerized by butadiene, styrene, and 2-vinyl pyridine that is mainly used to increase adhesion between framework material and rubber particles. The Beijing Rubber Research and Designing Institute have successfully developed domestic equipment with the ability to produce BSVP latex. The quality index of chafer fabrics is greatly increased with an exterior coating of BSVP latex.

Specifications

Property	Value
Total Solid Content % (m/m)	≥ 40.0
PH Value	≥ 10.0
Viscosity (MPa.s)	25-45
Surface Tension (MN/M)	40-55
Mooney Viscosity (ML1+4)	25-65
Machine Stability	≤ 1.0
Flammability	Non-hazardous, but keep away from fire
Toxicity	No imminent health risks; safety apparel still required

Packaging

In a 200L sealed drum or trough truck, coated with anticorrosion paint.

Handling

To avoid skinning, stir product 0.5-1 hour a day. Keep product fully in its container to prevent superficial water of emulsion from evaporation. Filter with a sieve of 40-80 meshes before use.

Storage

Over 6 months in air proof state, between 5-40 ºC.