

Biodegradable Rosin Resin

This series of products is an environmentally friendly natural tackifying resin with excellent performance in the green adhesive industry, which is biodegradable and compostable. It is made from bio based materials such as gum rosin, introducing degradable chemical groups from the chemical structure, and undergoing decolorization, esterification, and stabilization treatment.

Characteristic:

Biodegradable; Light color, low odor; Good heat resistance; Good compatibility with high polymer elastomers; Good solubility (soluble in solvents such as toluene, ethyl acetate, acetone, etc.); Good compatibility (can be mixed with various polymers such as NR, CR, SBR, SBS, SIS, EVA, etc.).

Specification:

| Item | Color (Gardner) | Softening point (R&B) °C | Acid Value (mgKOH/g) | Viscosity, cp (150°C) |
|----------|-----------------|--------------------------|----------------------|-----------------------|
| BRE-100S | ≤5 | 98-105 | ≤20 | 700-1800 |
| BRE-100 | ≤5 | 98-106 | ≤38 | 850-2000 |
| BRE-100L | ≤2 | 100-105 | ≤32 | 1000-2000 |
| BHR-70E | ≤1.5 | 75-85 | 170-200 | ----- |

Applications:

- 1 Hot melt pressure-sensitive adhesive: environmentally friendly sanitary adhesive, Express label, Packaging Tape, etc;
2. EVA glue stick;
3. Hot melt adhesives: EVA packaging adhesive, book binding adhesive, woodworking adhesive, etc;
4. Solvent based adhesive

Packaging:

In kraft paper bags that net 25KG.