

BITONER® BT-2110

Thermoplastic

Qingdao Bater Chemical Co., Ltd.

Message:

BITONER BT-2110 is thermoplastic, low molecular weight, slightly yellow aliphatic resin obtained from petroleum-derived monomers. Characterized by low softening point, narrow MWD, low wax cloud point, good compatibility with NR, SIS and other polymers, this grade is mainly used in rubber based PSA.

Characteristics:

Excellent compatibility with SIS, and other polymers

Good thermal stability

Low Molecular Weight and Narrow MWD

Low Wax Cloud Point

Low volatility and low odor

Water resistance

Applications:

HMPSA

Solvent based PSA

Hot Melt Adhesive

Sealants

| General Information | | | |
|---|--------------------------------------|-------------------|-----------------|
| Features | Aliphatic | | |
| | Good Thermal Stability | | |
| | Low Molecular Weight | | |
| | Low to No Odor | | |
| | Low to No Water Absorption | | |
| | Narrow Molecular Weight Distribution | | |
| Uses | Adhesives | | |
| | Sealants | | |
| | Seals | | |
| Appearance | Yellow | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 0.918 to 0.988 | g/cm ³ | Internal Method |
| Acid Value | < 0.30 | Mg KOH/g | ASTM D974 |
| Color - 50% resin solid in Toluene | Max4# | | ASTM D1544 |
| Softening Point ¹ | 91 to 97 | °C | ASTM E28 |
| Melt Viscosity (175°C) | < 500 | mPa·s | ASTM D3236 |
| Thermal | Nominal Value | Unit | Test Method |
| Glass Transition Temperature ² | 49.0 | °C | |
| NOTE | | | |
| 1. | Ring & Ball | | |
| 2. | midpoint | | |

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