

## Solid Acrylic Resin BM820

- Properties**
- 1, BM820 is a thermoplastic solid acrylic resin with excellent weatherability, unique hardness, and gloss.
  - 2, BM820 is easily soluble in many organic solvents such as ketones, white spirit, esters, long-chain fatty alcohol such as isopropanol and aromatic hydrocarbons. It also has good compatibility with other film forming resins such as vinyl resins, some alkyds and other acrylic resins.

| Specifications | Properties                        | Value     | Unit    | Test methods |
|----------------|-----------------------------------|-----------|---------|--------------|
|                | Appearance                        | Powders   |         |              |
|                | Glass transition temperature (Tg) | 65        | °C      | ASTM D-3418  |
|                | Molecular weight (Mw)             | 250,000   | g/mol   | ASTM D-3593  |
|                | Inherent viscosity (IV)           | 0.61~0.63 |         | ASTM D-2857  |
|                | Acid value                        | ≤ 1.0     | mgKOH/g | ISO-3682     |
|                | Moisture content                  | ≤ 0.5     | %       | ISO-3251     |

- Packaging and storage**
- 1, Packed in composite paper bag with inner plastic bag, 25Kg net.
  - 2, Store in cool, dry and ventilated place where the fire and organic solvent are prohibited.
  - 3, Shelf life: 3 years, capable of further use after passing QC inspection.
  - 4, Transport as non-dangerous material.

**Notes**

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