

Solid Acrylic Resin PChem[®] BM55E

1. BM55E is a thermoplastic solid acrylic resin with good adhesion with substrates of unsaturated polyester and stainless steel especially at high temperature condition.
2. BM55E is easily soluble in many organic solvents such as ketones, white spirit, esters, and aromatic hydrocarbons. It also has good compatibility with other film forming resins such as vinyl resins, and other acrylic resins.

| | Item | Value | Unit | Test method |
|----------------|-----------------------------------|---------|---------|-------------|
| Specifications | Appearance | Pellet | | |
| | Glass transition temperature (Tg) | 68 | °C | ASTM D-3418 |
| | Molecular weight (Mw) | 100,000 | g/mol | ASTM D-3593 |
| | Inherent viscosity (IV) | 0.38 | | 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 solvents are prohibited.
3. Shelf life: 3 years, capable of further use after passing QC inspection.
4. Transport as non-dangerous material.

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