

Solid Acrylic Resin PChem[®] BM51

1. BM51 is a methacrylate copolymer with alcohol soluble characteristics.
2. BM51 has a high purity, low odor and an outstanding pigment dispersion property.
3. Since its alcohol solubility, BM51 is an environmental friendly resin for coatings and inks.

| | Item | Value | Unit | Test method |
|----------------|-----------------------------------|---------|---------|-------------|
| Specifications | Appearance | Powders | | |
| | Glass transition temperature (Tg) | 33 | °C | ASTM D-3418 |
| | Molecular weight (Mw) | 60,000 | g/mol | ASTM D-3593 |
| | Inherent viscosity (IV) | 0.27 | | ASTM D-2857 |
| | Acid value | < 1.0 | mgKOH/g | ISO-3682 |
| | Hydroxyl Number | 60 | mgKOH/g | ISO-3682 |
| | Moisture content | ≤ 1.0 | % | ISO-3251 |

◆ Packaging and storage

1. Packed in 25-kg paper bags.
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.

Notes: The information contained on above data sheet is, to the best of our current knowledge, true and accurate. However, since the conditions of use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part. We disclaim all liabilities in connection with the use of information contained herein or otherwise. All risks of such nature are assumed by the user.