



JM-4170 Thermoplastic Acrylic Resin

(Technical Data Sheet)

【Features】

- Silver Loss Prevention
- Water-resistant
- Aluminum Powder orientation
- Adhesion

【Uses】

- Plastic paint
- UV、PU Primer

【Properties】

| | |
|---------------------|---|
| Constituent | Acrylic Copolymer |
| Appearance | Transparent viscous Liquid |
| Non-volatile matter | 39.00~ 41.00% |
| Solvent | Ethyl Acetate、 Butyl Acetate、 n-Butanol |
| Specific Gravity | Approximately 0.99 g/cm ³ |
| Colority | ≤50 APHA |
| Viscosity | 4500-10000 |
| Acid Value | <3.0 mgKOH/g (Supply Value) |
| Tg value | Approximately 70℃ |

【Solubility】

| | |
|-----------------|-----------|
| | Dilutable |
| Petroleum Ether | — |
| Xylene | + |
| Butyl Acetate | + |
| Acetone | + |
| PGMEA | + |

【Compatibility】

| | |
|----------------------------|---|
| Aliphatic polyisocyanates | + |
| Aromatic polyisocyanates | + |
| Cellulose Acetate Butyrate | ○ |
| Nitrocellulose 1/2 sec | + |

+ = Soluble in/compatibility
○ = partially soluble/Compatible
- = insoluble/incompatible

【Storage】

The product is packed in sealed containers. It is recommended to store it at a temperature range of 0~40℃ in a cool place, protected from sunlight and rain, and away from sources of ignition. The shelf life of this product is 12 months from the date of production. When the temperature drops below 0℃ in winter, it should be protected from frost. Please conduct necessary tests before use.

【Packaging】

| | |
|------------|------------|
| Net Weight | 200KG/Drum |
|------------|------------|