**M2341**

### Technical data sheet

<table>
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<tr>
<th>Application</th>
<th>Outdoor</th>
<th>System</th>
<th>TGIC</th>
<th>Ratio</th>
<th>93:7</th>
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#### Resin

**Description**
M2341 is a carboxylated superdurable polyester resin for outdoor use.

M2341 is applied in Alu-profile and metal-fixture.

**Properties**
- Super outdoor durability
- Good flow
- High hardness
- No blooming
- Direct-fired gas oven

**Spec.**
- Appearance: Pale granules
- Acid value: 27-33 mgKOH/g
- Viscosity-200 °C: 5500 mPa·s
- Color, b value: max 10
- Tg: Approx. 64 °C

#### Powder

**Recipe**
- M2341: 558 g
- TGIC: 42 g
- TiO2: 386 g
- Levelling agent M99: 10 g
- Benzoin: 4 g

**Process**
- Extruder: Twin screw
- Barrel temperature: 100-110 °C
- Torque: 70-80 %
- Speed: 250 rpm
- Sieving: 180 mesh
- Curing-metal temp.: 200°C × 10 min
- Voltage: 60-90 KV
- Degreased steel: 0.5 mm

**Finishing**
- Film thickness: 55-75 μm
- Gloss 60°: ≥93 %
- Adhesion: GT0
- Cupping test: <2 mm
- Direct impact: 40 Kg.cm
- Pencil hardness: ≥2H

#### Package
- White opaque polyethylene bags of 25kg

#### Storage
- The shelf life of the resin will be one year.
- Stored in a dry place at temperature below 30°C
- Avoid direct sunlight