



Interior Matting Agent M10

- **Main components** Acrylic resin and catalyst
- **Technical parameters** Appearance: Light yellow powder Bulk density: 450 ~ 550g/L
- **Product characteristics**

Polyester/Epoxy mixed system with gloss above 5, some of which can be as low as 3, does not consume epoxy resin, reduces milling cost, does not contain wax, has full and delicate surface, has high reactivity, and has little influence on gloss when cured at lower temperature, but it is necessary to strictly control the stability of production material temperature.

- **Usage**

Internal extrusion, adding 1 ~ 3.1% and proper amount of semi-chemical matting agent can improve the leveling performance of the coating film and prolong the storage time of the powder.

- **Recommended formula**

Materials	1	2	3	4
Polyester (50/50)	265	265		
Polyester (60/40)			318	318
Epoxy (E-12)	265	265	212	212
KC701B	10	10	10	10
KC758	10	10	10	10
Benzoin	3	3	3	3
Extinction barium	408	216	408	216
Titanium dioxide		200		200
Carbon black	8		8	
M-10	31	31	31	31
Total	1000	1000	1000	1000
Extrusion conditions	95 °C in Zone I and 120 °C in Zone II			
Curing condition	200 °C * 12min/190 °C * 15min			
Gloss% @ 60 °	4	4.5	4.5	6
Impact kg*cm	+/-50	+/-50	+/-50	+/-50



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- **Formula description**

The formula shows that a slight excess of epoxy resin in the formula is beneficial to improve leveling and extinction performance. The increase of matting filler content is beneficial to matting. Curing accelerator may cause the coating gloss to rise or the leveling performance to deteriorate.

- **Package and store**

Polyethylene lined kraft paper bags, each bag weighs 25kg net, and keep them sealed. Please store them in a cool and dry place, away from heat sources and avoid direct sunlight. The reasonable storage shelf life is 12 months.