



Interior Matting Agent M21

- **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 4 degrees semi-chemical type, 1:2.3 consumption epoxy resin with excellent storage stability, excellent surface leveling and a small amount of wax.

- **Usage**

Internal extrusion, adding 1%~5% and proper amount of physical matting agent can improve the fineness and plumpness of the coating surface.

- **Recommended formula**

Materials	1	2	3	4
Polyester (50/50)	208	208		
Polyester (60/40)			249	249
Epoxy (E-12)	322	322	281	281
KC701B	10	10	10	10
KC758	10	10	10	10
Benzoin	3	3	3	3
Extinction barium	391	197	391	197
Titanium dioxide		200		200
Carbon black	6		6	
M-21	50	50	50	50
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 °	3	5	3.5	4
Impact kg*cm	+/-50	+/-50	+/-50	+/-50

- **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



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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.