



# 安徽景成新材料有限公司

Anhui Kingcham New Materials Co., Ltd.

## Indoor Matting Agent M13

- **Main components:** Acrylic resin and catalyst
- **Technical parameters** Appearance: light yellow powder  
Bulk density: 450~550g/l
- **Product features :** Very little smoke from milling and baking, polyester/epoxy mixed system with gloss above 10° does not consume epoxy resin, milling low cost, no wax, plump and delicate surface, high reactivity, low temperature curing has little effect on gloss. However, it is necessary to strictly control the stability of the production material temperature.
- **Usage method:** Extrude inside, add 1~3.1% in combination with a proper amount of semi-chemical matting agent to improve the leveling performance of the coating film, extend powder storage time.
- **Recommended formula**

Material	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
Matt barium	411	217	411	217
Titanium dioxide		200		200
Carbon black	6		6	
M-13	30	30	30	30
Total	1000	1000	1000	1000
Extrusion conditions		I ☒ 95°C, II ☒ 120°C		
Curing conditions		200°C*12min/190°C*15min		
Gloss%@60°	9	10	11	12
Impact kg*cm	+/-50	+/-50	+/-50	+/-50

### ● Formula description

A slight excess of epoxy resin in the formulation is beneficial to improve leveling and matting properties. The content of matting filler increases, which is beneficial to matting. Cure accelerators may cause increased gloss or poor leveling properties of the coating.

### ● Packaging and storage

Polyethylene-lined kraft paper bags, each bag with a net weight of 25 kg, sealed and stored, please store in a cool and dry place, away from heat sources, avoid direct sunlight, reasonable storage shelf life is 12 months.