

KE460

Matting Agent

Description

KE460 is a fine particle size gel-type silica matting agent. With high transparency, it is widely applicable to a large variety of topcoats and inks.

Property Advantage

Higher matting efficiency

Easy addition and dispersion

Good performance of scratch resistance and abrasion resistance

Application Field

Wood coatings of high-end decoration, such as: furniture, crafts, musical instruments, etc.

Various types of plastic coatings, such as cabinet paint, 3C coating, toy gift paint, etc.

All kinds of metal coatings, such as: metal baking paint, tin coating, coil coating, etc.

Leather Finishing Agent.

Various inks and OPV varnishes.

Technical Data Sheet

Particle size, D50/ μm	3.8~4.3
Oil absorption, DBP (g/100g)	220~270
pH value, (5% in water)	6.0~8.0
Pore volume, (ml/g)	≥ 1.8
Loss on ignition, (1000°C, 2Hrs) , %	≤ 6.0
Loss on drying, (105°C, 2Hrs), %	≤ 5.0
Surface treatment	None

Recommended dosage

The recommended addition dosage is 3-10%.

Due to different formulas and conditions, it is recommended that the optimal amount of addition should be tested before use.

Packaging and storage

Please keep product stored in a dry, ventilated and cool place to avoid moisture or volatile organic compounds.

The recommended storage period not exceed 24 months after the date of manufacture