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Hi-Mat 105A



Hi-Mat 105A is based on polyethylene wax dispersions with controlled particle sizes and distributions.

APPLICATIONS

Matting, abrasion resistance and anti-scratch agents for UV curable coatings on plastic and wood.

- mobile phone cases
- cosmetic vessels
- wood finish
- other decoration coatings
- inks

TYPICAL PROPERTIES

Chemical description	polyethylene wax
Appearance	liquid
Non-volatile (125°C*1hr)	10%
Specific gravity (@25°C)	0.88
Max size	12 μ m
Solvent	toluene

ADVANTAGES

Improve the following surface properties

- matting performance
- abrasion resistance
- anti-scratch
- easy dispersion

INCORPORATION

Hi-Mat 105A should be stirred uniformly before incorporation.

Hi-Mat 105A should be post added using medium speed dispersion apparatus.

* 10 ~ 35% by weight of UV coating

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