

Polyethylene WAX

UCWAX 108A

UCWAX 108A is a Polyethylene wax, and its moderate molecular weight and relatively linear structure make it delay plasticization in the processing of PVC products, control surface precipitation, and improve release performance. It can improve the fluidity, lubricity, dispersion of pigments and fillers of plastics. KL108A has a high crystallinity, enabling moderate external lubricity and increased gloss in the production of PVC products. Can delay plasticization, reduce torque, good thermal stability in the later period, does not contain oligomers, paraffin, etc.

- High Gloss level and surface quality
- Very strong fusion delay performance in PVC, reduce torque/MT
- Improve stripping performance
- Improved pigment dispersion of fillers

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Property	Test Standard	Typical Value
Drop point	ASTM D3954	108-112°C
Density	ASTM D1505	0.92 g/cc
Hardness	ASTM D-5	< 2 dmm
Acid Value	mgKOH/g	/
Viscosity @ 140°C	Brookfield	30 ± 10cps
Particle size	ASTM D6913-2004	/
Colour	colorimeter	White Tiny Granule

Safety:

UCWAX 108A is regarded as non-hazardous to one's health and to the environment when exposure is controlled by using accepted industrial hygiene practices. However, due to the combustible nature of the small polyolefin particles and the potential for static electricity build up, hazardous situations (including dust explosions and ignition of flammable atmospheres) may occur if these products are not handled properly. Consult our Material Safety Data Sheet for specific recommendations on safe handling

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