

High Density OPE WAX

KEYLUB™ OS30

OS30 is a high-density oxidized polyethylene wax with a unique molecular structure that makes it useful as a wax emulsion in water-based coatings and inks, surface varnishes, polishes and textiles to improve the wear resistance and scratch resistance of the paint surface while maintaining the gloss and permeability of the paint surface, and to improve the stain resistance of the paint surface by reducing the surface friction coefficient and improving the surface tension. Its main properties are as follows:

- Improves surface gloss
- Improves scratch resistance
- Improved abrasion resistance of the paint surface
- Improved resistance to adhesion

Index:

Property	Test Standard	Typical Value
Drop point	ASTM D3954	135-138°C
Density	ASTM D1505	0.99 g/cc
Hardness	ASTM D-5	<0.5 dmm
Acid Value	mgKOH/g	27 ± 2
Viscosity @ 150°C	Brookfield	12000 ± 2000 CPS
Particle size	ASTM D6913-2004	85% through 40 mesh
Colour	colorimeter	White power

Safety:

OS30 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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