



Low density oxidized polyethylene wax

UCWAX 510

UCWAX 510 is low-density oxidized polyethylene wax, which exhibits excellent internal and external lubrication properties in PVC processing. It has outstanding neutral plasticizing characteristics. A processing rate of 0.3 -0.5% can enhance the surface finish of the processed product. As an external lubricant for plastic products, it also effectively improves demolding performance and enhances the lubricity between plastics and metals, imparting good transparency to the final product.

Its main features are as follows:

- 1、Excellent plasticizing neutral characteristics
- 2、Improve the surface gloss of processed products
- 3、Good transparency
- 4、Effectively improve demolding

Typical applications: suitable for PVC such as profiles, pipes, edge strips, rubber particles (injection molding, extrusion), etc

Typical characteristics:

Property	Testing standard	Numeric value
Melting point	ASTM D3954	108°C
Density	ASTM D1505	0.92 g/cc
Acid value	mgKOH/g	15
Viscosity @ 140 ° C	Brookfield	600
Fineness	ASTM D6913-2004	85% read
Appearance color	Visual	White to light yellow powder

Security precautions:

When contact control is carried out in accordance with industry accepted hygiene procedures, UCWAX 510 can be considered as a harmless substance. Please refer to our Material Safety Data Sheet for specific safety handling recommendations.

