

## Oxidized high density polyethylene wax

### Brief

**SAVOX BW 330** oxidized high density polyethylene wax is manufactured by Savita Oil Technology Ltd. It is hard, high drop point, high density in powder form.

**SAVOX BW 330** use in textiles, this can help to improve sewability and fabric cutting, extending cutting machine lifetime. Its acid number is about 30, which allows it to be emulsified into water.

**SAVOX BW 330** enhance the quality and consistency of substances in many end formulations, improve products physical and thermal properties, processing ability and appearance.

**SAVOX BW 330** use in waterborne coatings and inks, overprint varnishes, polishes and textiles to improve surface properties including mar and abrasion resistance by lowering the coefficient of friction.

In PVC industry, this is suitable for PVC products to increase plasticizing time and improve the later demolding. It is also suitable for PVC foam board, PVC advertising board, PVC transparent sheet, PVC transparent film, PVC high calcium products, PVC floor and other products.

Wax emulsion for textile	Improve sewability/handling of textile Provide smooth surface of textile Good abrasion resistance
Plastic processing aid	Improved rub/abrasion resistance Improved surface slip
Hot melt adhesive	Adjusted open and set time Enhanced heat resistance Reduced viscosity for improved wettability
PVC	Improve flow ability Improve productivity Reduced energy consumption Waste reduction from unstable plastic flow.
Rubber processing	Improve productivity Improved particles dispersion Reduced viscosity
Printing ink, paint and coating	Improved rub/abrasion resistance Improved surface slip

### Typical Values

Property	Unit/Test	Specification
Physical Form	-	White powder
Density at RT	g/cc	0.95-0.98
Viscosity, 150°C	cP	1000-3000
Drop melting Point	°C	125-135
Acid Number	mg KOH/gm	27-29
Needle Penetration	dmm	<1

#### Disclaimer

The information and claims mentioned in this data sheet are given in good faith and believed to be accurate as per the test protocols mentioned. However, no representation or warranty to its correctness and completeness is made. Suggestions for uses and recommended dosages are also the opinions based on our existing information. Users are recommended to decide the suitability of this product for their intended application.