

Low density polyethylene wax

Brief

SavXL PE low density polyethylene wax is manufactured by Savita Oil Technology Ltd. It has narrow molecular weight distribution, high hardness, excellent thermal stability, high softening temperature, high flash and low volatiles content and are offered in consistent and narrow range of viscosities and average particle sizes.

SavXL PE is effective dispersing agent for PE masterbatch applications providing excellent organoleptic properties, brilliant dispersing properties for pigments, fillers and additives as well as thermal stability and color stability.

SavXL PE is used as Lubricants in PVC, processing aid and dispersant in plastics and rubber processing, mold release agent in engineering plastics.

SavXL PE use as property enhancer in coatings, ink adhesives, bitumen roofing membranes and road paints to provide rub and scratch resistance as well as a slip modification additive.

SavXL PE enhances the quality and consistency of substances in many end formulations, improve products physical and thermal properties, processing ability and appearance.

Color concentrates and Masterbatches	Improves wettability and dispersion of inorganic and organic pigments, enhances color strength.
PVC Processing	Acts as external lubricant, improves gloss and output.
Flow promoter in polymer processing	Enhances flow and output, reduces power consumption, acts as mold release in engineering plastics.
Hot melt adhesives	Increases bonding temperature, blocking resistance, hardness and scuff resistance.
Bitumen roofing membranes	Increases heat resistance and melting temperature, improves flow and water repellency.
Hot melt road making paint	Reduces viscosity, improves dispersion, enhances spray ability, heat resistance and black marking resistance
Inks, coatings and paints	Carrier of pigments, prevents sedimentation, enhances rub and mar resistance, provide smooth surface.
Rubber Processing	Acts as a Lubricant and surface enhancer.
Cable filling compounds	Aids in dispersion of components, improves flow, heat resistance and water repellency.

Typical Values

Property	Unit	Specification
Appearance	-	White Granular Particles
Density	g/cm ³	0.94
Mettler Drop Point	°C	116-118
DSC Melting Point	°C	110-115
Volatile Loss	%	<2
Apparent Viscosity @ 140 °C, Spindle 21, torque-45%	cPs	60 ± 20
Penetration Hardness	dmm	2
Average Particle Size	D ₅₀ , Micron	≤250

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.