

Technical Data Sheet

PWX-230 Additive



Description

PWX-230 is a high-quality polyethylene wax (PE-Wax) additive designed for internal and external lubricating properties. PWX-230 provides excellent dispersibility for pigments and fillers, surface gloss, and processability, making it a versatile performance additive for plastics, coatings, inks, adhesives, and masterbatch production.

General

Form: White Flakes

Process: Extrusion

Application: Lubricant for PVC processing, Masterbatch and filler compounding, Adhesives, Coatings

Additives: None

Packaging: 25 kg sack / 850 kg big bag

Physical Properties

Property	Test Method	Unit	Result
Density	ISO 1183	g/cm ³	0.92±0.01
Melting Point	ISO 11357	°C	105±5
Moisture Content	ISO 15512	%	<0.1
Softening Point (Ring & Ball)	ASTM E28	°C	100±5
Viscosity (@140°C)	ASTM D3236	cP	90±20
Needle Penetration	ASTM D1321	dmm	<5

Processing Guidelines

The additive provides excellent surface finish and output rates over a broad range of conditions in PE screw extruder; however, the optimum results are recommended as follows:

- Barrel Temperatures: 150-220 °C
- Die Head Temperatures: 210-220 °C

Notes

- The typical properties have been determined using laboratory equipment. Users are advised to verify results through their own standard testing methods.
- The additive is suitable for use on various machines; however, minor adjustments may be required for individual equipment. Customers are advised to verify product quality prior to commercial use.
- The additive should be stored in its original packaging under cool and dry conditions, protected from direct sunlight, heat and contamination. The recommended storage period at the customer's site should not exceed two years.

