

PE-Wax (PW 7256)

PW 7256 is a pure white product without any impurity. The balance of chemical structures provide the proper solubility, higher melting point, high hardness even at elevated temperature, to enable PW 7256 function as an lubricant in almost all thermoplastic and thermo-setting systems.

Application:

Recommended to use in almost thermoplastic (such as PP, PE, PET, PVC, ABS etc) processing for rigid PVC pipes, PVC compounds, PVC stabilizer, PVC windows, PVC doors, PVC sheet, Masterbatches, hot melt adhesives, coating etc.

1. Plasticized PVC

Excellent compatibility with PVC to act as a lubricant in PVC processing. PE-Wax used to achieve better PVC melt homogeneity, improve its mechanical properties (more elasticity, higher strength to prevent tearing).

2. Processing Aids in Injection Moulding

PW 7256 is used as a mould release agent and others processing, such as flow capability.

The flow capability while using PW 7256 will be improved, therefore blocking of filters is reduced and mounting of the product can be eliminated.

3. Dispersing Agent

PW 7256 can be used universally in many kinds of plastic and for the dispersion of all kinds of pigments.

PW 7256 provide an improved dispersion of the components, especially single pigment concentrate as well mixed colours. It will result in an increased colour strength by 5-15%.

4. Calendering

As an efficient external lubricants in PVC sheet & film, PW 7256 is widely used in calendaring to improve the surface brilliance of finished articles.

5. Extrusion

PW 7256 imparts uniform melt flow and prevent surging at the die face, thereby contributing to close dimensional conformance of the sheet or profile. Surface character of the extrudates is smooth and blemish free.

6. Melting Point Modifier

PW 7256 is used to increase the melting point of the waxes and wax-resin blends.

7. Adhesive tapes

PW 7256 is applied to the backs of adhesive tape to allow slip and prevent blocking when adhesive tapes touching.



Packaging:

PW 7256 supplied in 20kg ± 0.1kg double layer bags, consist of plastic PE bag as inner layer and paper PP woven laminated bag as outer layer.

Storage:

Store in a cool dry place to prevent moisture absorption.

	Powder Form	Granule Form
Appearance	White powder	White granule
Drop Melt Point	117-119°C	117-119°C
Specific Gravity (BS 2782:509A)	0.93 - 0.95	0.93 - 0.95
Viscosity @25°C (ASTMD-1321)	2.5 - 5	2.5 - 5
Molecular Weight	1500-3000	» 3000
Particle Size (40 mesh passing)	» 98%	Vary in granule

Corporate Office:



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