



## Technical Data Sheet

### OnWax® PE EC617

#### Introduction

Polyethylene Wax, also known as PE Wax, is an ultralow molecular weight polyethylene consisting of ethylene monomer chains. It is obtained from low-pressure ethylene polymerization process and used in various sectors of plastic industry. Most of the waxes have the same basic structure, but the various production processes yield products with distinctly different properties, and these properties have a major impact on the use of products.

Chemical Name	Polyethylene; Polythene, Ethene
CAS NO.	9002-88-4

#### Typical Properties

Test	Unit	Typical Value	Test Method
Appearance	-	Pellet	Visual
Color	-	White	Visual
Drop Point	°C	101.0 – 106.0	ASTM E28
Penetration @ 25 °C	dmm	Max 8.0	ASTM D5
Viscosity @ 125 °C	cps	100.0 -300.0	ASTM D445
Density @ 25 °C	g/cm <sup>3</sup>	0.92 ± 0.02	ASTM D792
Acid Value	mg KOH/g	< 0.01	Inhouse

#### Packaging

25 Kgs PP woven bag

#### Applications:

- High concentrate pigment dispersion media
- Color master batch
- Rubber/Plastic processing additive
- Additive of printing ink (laser printer) and paint
- CPVC, HPVC

#### Storage

Store in a cool, dry and well-ventilated place

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