

780 P (PE WAX)

780 P is the polyethylene wax having unique properties produced from thermal cracking process. Our high technologies and processing control, resulting in good consistency of qualities with uniform color and physical characteristics of wax so it can be used in various applications.

APPLICATION AREAS

- Hot melt adhesive
- PVC compound
- Color masterbatch
- Rubber
- Coatings
- Cable
- Inks
- Textile Emulsions
- Powder Paints

RECOMMENDED DOSAGE

The recommended melt temperature of 580 F2 is 130 - 150 °C. It is recommended to use mixing machine giving good homogenization.

Applications (Function)

Hot melt adhesive (Viscosity reduction and heat resistance)

PVC compound (improvement Excellent lubrication)

Color masterbatch (Dispersing agent)

Rubber (Viscosity reduction and lubricant)

PACKAGING

- 20 Kg woven bag
- 500 Kg bigbag

INTERNATIONAL COMPLIANCE

- Directive 2002/95/EC (RoHS) and Directive 2011/65/EU (RoHS Recast)
- Regulation (EC) No.1907/2006 (REACH)
- Directive 94/62/EC (Packaging and Packaging Waste)
- EN71 Part3: 2013 European Standard on Safety of Toy

PRODUCT CHARACTERISTICS

- Excellent pigment wettability
- Excellent lubrication
- Excellent chemical resistance
- Good heat resistance and thermal stability
Excellent anti-sticking properties when used in PVC melts
- Provides excellent organoleptic properties, brilliant dispersing properties for pigments, fillers and additives as well as thermal stability and colour stability

CHEMICAL AND PHYSICAL PROPERTIES

ANALYSIS METHOD	TEST METHOD	SPECIFICATION LIMITS
Appearance	-	Snow White Powder
Viscosity(140°C)	ISO 3219	10 – 50 cSt.
Density	ISO 1183-2	0.94 ±0.05 g/cm ³
Penetration Hardness	ASTM D1321	3 d.mm
Softening Point	ASTM D3954	90-115 °C
Melting Point	ASTM D2117	110 ±5 °C
Flash Point	ASTM D92	150 ±5 °C
Oil Content	ASTM D721	Max. 5.0 %
Ash Content	ASTM D5630	Max. 0.3 %
Volatile Content	110 ±5°C @ 1hr.	Max. 0.5 %

OCCUPATIONAL HEALTH AND SAFETY

Appropriate personal protective equipment should be used. Wearing a mask, protective clothing, gloves, and eye/face protection is recommended.

Uncontrolled release of the product into the environment should be avoided. For more detailed information, refer to the Material Safety Data Sheet (MSDS).

The MSDS, which contains information about the safe transportation, storage, and handling of the product, is available upon request.

This technical data sheet does not exempt users from complying with relevant legal regulations related to food safety, handling hazardous substances, and occupational health and safety.

None of the statements in this document should be interpreted as permission to violate third-party patents or applicable laws and regulations.