

Technical Data Sheet

POLYETHYLENE- WAX

Polyethylene Wax, also known as PE Wax, is an ultra-low molecular weight polyethylene consisting of ethylene monomer chains. PE wax has a large variety of uses and applications. PE Wax is available from on-purpose production and as a byproduct of polyethylene production. This material is available in both HDPE and LDPE forms.

Applications:

- Process aid for rubber
- Pigment dispersion promoter
- Viscosity modification
- Slip agent
- Hot melt adhesives
- Printing inks
- Paraffin compounding

TYPICAL PROPERTIES	Value	Units	Test Method
Number of melting peaks	4	---	ASTM D3418
1 nd melting Point(portion)	57(17.1 %)	°C	ASTM D3418
2 nd and 3 nd melting Point(portion)	85(59.2%)	°C	ASTM D3418
4 nd melting Point(portion)	115(23.7%)	°C	ASTM D3418
Volatile	<2.5	%	--
Melt viscosity	200	cps@140°C	ASTM D1986
Density	0.94	g/cm3, 25°C	ASTM D1505
Acid Value	<0.2	Mg KOH/g	ASTM D1386
Appearance	Flake	---	VISUAL
Ash Content	<0.3	%	ASTM D5630