

TYPICAL PROPERTIES OF THE POLYETHYLENE WAX

Properties	Grade I	Grade II	Grade III	Grade IV
Viscosity @ 149 Deg. C, cps	10 ~ 20	20 ~ 40	40 ~ 60	60 above
Mettler Drop Point, Deg. C	118	118	118	118
Density, gms/cc	0.94	0.94	0.94	0.94
Melt Peak, Deg. C	91.7	91.7	91.7	91.7
Melt Enthalpy, KJ/Kg	212	212	212	212
Molecular Weight (Average)	1500	1500	1500	1500
Colour	White	White	White	White

Prills – Spray cooled and sieved (As per Sample)

Specification of Polyethylene Wax

TESTS	RESULT
Melting Point (deg C)	110-120
Penetration 25 deg C (dmm)	5 – 8
Color	White
Form	Flake

Specification of Polyethylene Wax

TESTS	METHOD	SPECIFICATION	RESULT
Softening Point (deg C) (R & B)	ASTMD 36	110-120	118
Viscosity 140 deg C (CPS)	Brookfield Type	80-800	580
Penetration 25 deg C (dmm)	ASTMDI 321		4
Color	ASTMDI 1500	White	White

- Material will come in Flakes Form
- Packing will be 25 kgs/ Paper Bags

Specification of Polyethylene Wax

TESTS	RESULT
Melting Point (deg C)	110-120
Penetration 25 deg C (dmm)	15 – 18
Color	White
Form	Flake

