



POLY ETHYLENE WAX C WAX

Technical Data Sheet

CWAX 110

PE Wax, also known as Polymer wax, short for Polyethylene Wax, is widely used because of its excellent property of cold / heat / chemical and abrasion resistance. In normal production, this part of wax can be directly added to the polyolefin processing as an additive; it can increase the gloss and processing performance.

Properties:

Item	Standard Value(s)	Test Method
Physical Form	Waxy Flakes	Visual
Colour	White	Visual
CAS No.	9002 88 4	-
Melting Point, °C	106±5	ASTM D3418
Drop Point, °C	115±3	ASTM D127
Softening Point, °C	100±3	ASTM E28-97
Moisture Content	Less than 0.2%	-
Oil Content	Less than 0.5%	ASTM D721
Penetration 100 gms @ 25 °C	5±2 dmm	ASTM D1321-02a
Viscosity @ 140 °C	15±5 cP	ASTM D3236
Density, g/CC	1.0±0.03	ASTM C693
Hardness	Max 4	ASTM D1321-16a
Heat Stability @ 150 °C	No Change in Colour	Visual
Molecular Wt. (GPC)	1800±10%	LS-101/15
Acid Value	NIL	ASTM D1386-15
Flash Point	Open cup 220±5 °C	-
Odour	Passes	Visual

Packing: 25 KGs HDPE bag with Inner lining or according to customer's requirements

Storage: Keep in dry, cool & shaded place with original packing, avoid moisture, store at room temperature.



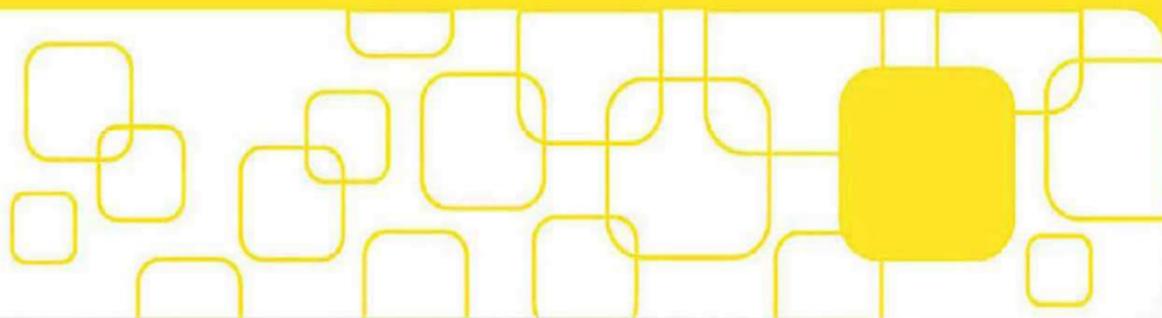
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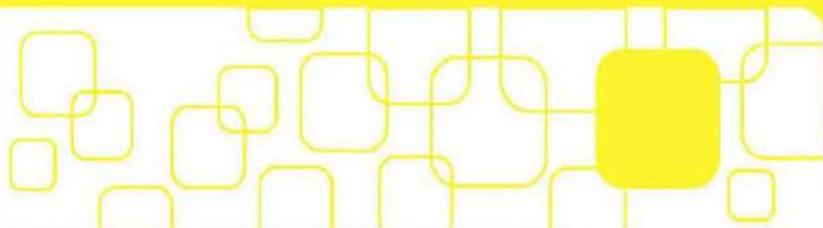
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Application:

1. PVC- Acts as a dispersant, lubricant & brightener in PVC Profile, pipe, pipe fitting, foam board, WPC products etc. It has a good late-period lubricating ability & will bring gloss in the appearance & lower processing torque.
2. Masterbatch- Used as an efficient dispersant in masterbatch, filler masterbatch, modified masterbatch & functional masterbatch. It makes the products inorganic components & pigments disperse better since it is an excellent external & internal lubricant.
3. PVC Stabilisers- Used as excellent external lubricant in PVC stabilizers, especially in Ca-Zn stabilizer.
4. Hot Melt Adhesives- Used to better adjust the productivity, viscosity & hardness. PE Wax improves its fluidity.
5. Paint- Used in paint, coating, road marking paint where its main performance is heat resistance, deforming, leveling, anti-settling & dispersion. It can increase the products surface hardness, wear resistance & anti-smearing properties.
6. Rubber- Used as rubber processing auxiliaries, enhances diffusion of fillers, improves extrusion rate, increases flowability of the mold, easy mold release, improves product surface brightness & smoothness after stripping off from the mold.
7. Cosmetics- Makes the product have a good gloss & 3-dimensional.





CWAX 330

PE Wax, also known as Polymer wax, short for Polyethylene Wax, is widely used because of its excellent property of cold / heat / chemical and abrasion resistance. In normal production, this part of wax can be directly added to the polyolefin processing as an additive; it can increase the gloss and processing performance.

Properties:

Item	Standard Value(s)	Test Method
Physical Form	Waxy Flakes	Visual
Colour	White	Visual
CAS No.	9002 88 4	-
Drop Point, °C	105±5	ASTM D127
Melting Point, °C	96±5	ASTM E28-97
Moisture Content	Less than 2.0%	-
Penetration 100 gms @ 25 °C	Max 15 dmm	ASTM D1321-02a
Viscosity @ 140 °C	10 - 40 cP	ASTM D3236
Density, g/CC	0.97±0.05	ASTM C693
Heat Stability @ 150 °C	No Change in Colour	Visual
Molecular Wt. (GPC)	1500±25%	LS-101/15
Acid Value	NIL	ASTM D1386-15
Flash Point	Open cup 220±5 °C	-
Odour	Passes	Visual

Packing: 25 KGs HDPE bag with Inner lining or according to customer's requirements

Storage: Keep in dry, cool & shaded place with original packing, avoid moisture, store at room temperature.



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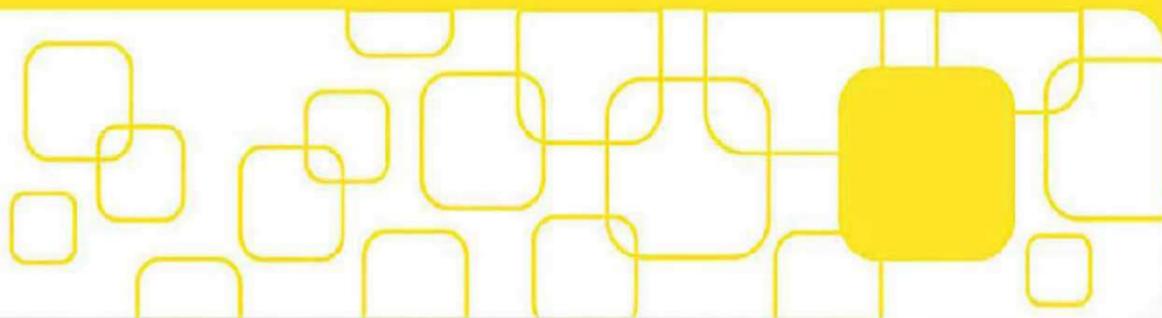
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Application:

1. PVC- Acts as a dispersant, lubricant & brightener in PVC Profile, pipe, pipe fitting, foam board, WPC products etc. It has a good late-period lubricating ability & will bring gloss in the appearance & lower processing torque.
2. Masterbatch- Used as an efficient dispersant in masterbatch, filler masterbatch, modified masterbatch & functional masterbatch. It makes the products inorganic components & pigments disperse better since it is an excellent external & internal lubricant.
3. PVC Stabilisers- Used as excellent external lubricant in PVC stabilizers, especially in Ca-Zn stabilizer.
4. Hot Melt Adhesives- Used to better adjust the productivity, viscosity & hardness. PE Wax improves its fluidity.
5. Paint- Used in paint, coating, road marking paint where its main performance is heat resistance, deforming, leveling, anti-settling & dispersion. It can increase the products surface hardness, wear resistance & anti-smearing properties.
6. Rubber- Used as rubber processing auxiliaries, enhances diffusion of fillers, improves extrusion rate, increases flowability of the mold, easy mold release, improves product surface brightness & smoothness after stripping off from the mold.
7. Cosmetics- Makes the product have a good gloss & 3-dimensional.



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POLY ETHYLENE WAX

C WAX

Technical Data Sheet

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PE Wax, also known as Polymer wax, short for Polyethylene Wax, is widely used because of its excellent property of cold / heat / chemical and abrasion resistance. In normal production, this part of wax can be directly added to the polyolefin processing as an additive; it can increase the gloss and processing performance.

Properties:

Item	Standard Value(s)	Test Method
Physical Form	Waxy Flakes	Visual
Colour	White	Visual
CAS No.	9002 88 4	-
Melting Point, °C	105±5	ASTM D3418
Drop Point, °C	110±5	ASTM D127
Softening Point, °C	100±5	ASTM E28-97
Moisture Content	Less than 0.1%	-
Oil Content	Less than 3%	ASTM D721
Penetration 100 gms @ 25 °C	10±3 dmm	ASTM D1321-02a
Viscosity @ 140 °C	12±5 cP	ASTM D3236
Density, g/CC	0.98±0.02	ASTM C693
Hardness	Max 4	ASTM D1321-16a
Heat Stability @ 150 °C	No Change in Colour	Visual
Molecular Wt. (GPC)	1500±10%	LS-101/15
Acid Value	NIL	ASTM D1386-15
Flash Point	Open cup 220±5 °C	-
Odour	Passes	Visual

Packing: 25 KGs HDPE bag with Inner lining or according to customer's requirements

Storage: Keep in dry, cool & shaded place with original packing, avoid moisture, store at room temperature. Shelf life is 24 months.



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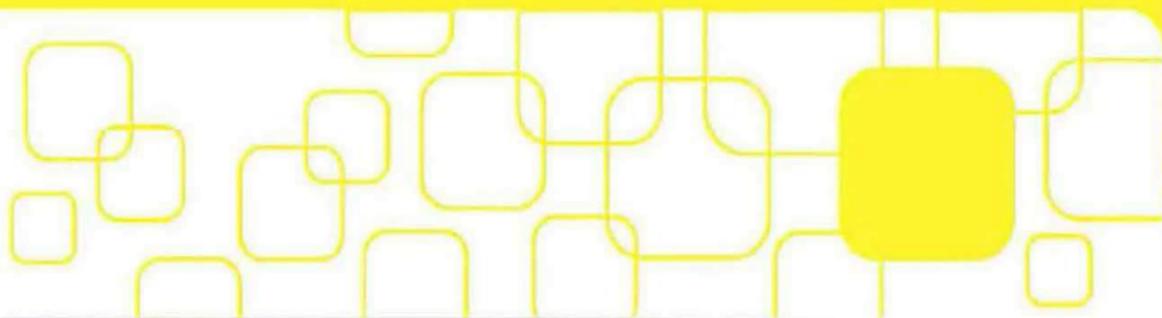
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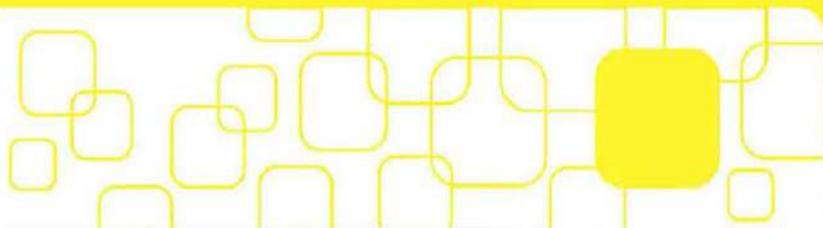
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Application:

1. PVC- Acts as a dispersant, lubricant & brightener in PVC Profile, pipe, pipe fitting, foam board, WPC products etc. It has a good late-period lubricating ability & will bring gloss in the appearance & lower processing torque.
2. Masterbatch- Used as an efficient dispersant in masterbatch, filler masterbatch, modified masterbatch & functional masterbatch. It makes the products inorganic components & pigments disperse better since it is an excellent external & internal lubricant.
3. PVC Stabilisers- Used as excellent external lubricant in PVC stabilizers, especially in Ca-Zn stabilizer.
4. Hot Melt Adhesives- Used to better adjust the productivity, viscosity & hardness. PE Wax improves its fluidity.
5. Paint- Used in paint, coating, road marking paint where its main performance is heat resistance, deforming, leveling, anti-settling & dispersion. It can increase the products surface hardness, wear resistance & anti-smearing properties.
6. Rubber- Used as rubber processing auxiliaries, enhances diffusion of fillers, improves extrusion rate, increases flowability of the mold, easy mold release, improves product surface brightness & smoothness after stripping off from the mold.
7. Cosmetics- Makes the product have a good gloss & 3-dimensional.





CWAX 440

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Properties:

Item	Standard Value(s)	Test Method
Physical Form	Waxy Powder	Visual
Colour	White	Visual
CAS No.	9002 88 4	-
Melting Point, °C	103±5	ASTM D3418
Drop Point, °C	110±4	ASTM D127
Softening Point, °C	95±5	ASTM E28-97
Crystallization Point, °C	96±5	ASTM E794-06
Moisture Content	Less than < 0.2%	-
Oil Content	Less than < 0.5%	ASTM D721
Penetration 100 gms @ 25 °C	<12 dmm	ASTM D1321-02a
Viscosity @ 140 °C	20±5 cP	ASTM D3236
Density, g/CC	1.0±0.05	ASTM C693
Heat Stability @ 150 °C	No Change in Colour	Visual
Molecular Wt. (GPC)	1500±10%	LS-101/15
Acid Value	NIL	ASTM D1386-15
Peak Chain Length (SEC)	35 – 45 carbon atoms	-
Flash Point	Open cup 220±5 °C	-
Odour	Passes	Visual

Packing: 25 KGs HDPE bag with Inner lining or according to customer's requirements

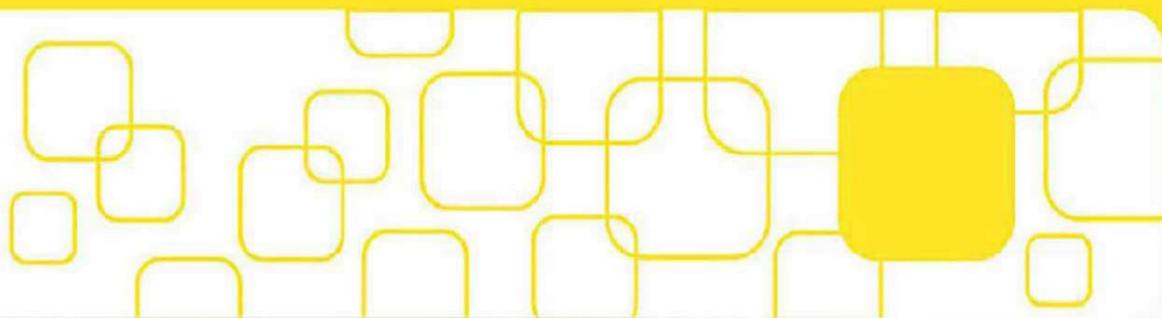
Storage: Keep in dry, cool & shaded place with original packing, avoid moisture, store at room temperature.



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6. Rubber- Used as rubber processing auxiliaries, enhances diffusion of fillers, improves extrusion rate, increases flowability of the mold, easy mold release, improves product surface brightness & smoothness after stripping off from the mold.
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