



ABANPETRO COMPANY

Petrochemical Products

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Edition

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PE WAX

Aban Petro produces and supplies all types of polyethylene wax for domestic and export supply

Exporting all kinds of polyethylene wax with high quality and competitive price to India, Pakistan, China, Afghanistan, Turkey, Iraq, Tajikistan, Russia and Europe.

www.abanpetro.com

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Available Grades

GRADES	Typical property :	Value:	Unit:	Test method :
Flake1937	<ul style="list-style-type: none"> • Appearance • Melting point • Volatile • Viscosity • Density • Acid value • Ashcontent 	<ul style="list-style-type: none"> • White • 10±5 • <1.0 • 80-200 • 0.92±1 • 0 • 0.3 	<ul style="list-style-type: none"> • Flake • °C • (%) • Cps @140 °C • gr/cm³ 25° • mg KOH/gr • (%) 	<ul style="list-style-type: none"> • Visual • ASTM D3418 • - • ASTM D1986 • ASTM D1505 • ASTM D1986 • ASTM D5630
Flake1911	<ul style="list-style-type: none"> • Appearance • Melting point • Volatile • Melt Viscosity • Density • Acid value • Ashcontent 	<ul style="list-style-type: none"> • White flake • 100±10 • <1.0 • 40±10 • 0.94±1 • 0 • 0.2 	<ul style="list-style-type: none"> • - • °C • (%) • Cps @140 °C • gr/cm³ 25° • mg KOH/g • (%) 	<ul style="list-style-type: none"> • Visual • ASTM D36 • - • ASTM D1896 • ASTM D1505 • ASTM D1986 • ASTM D5630
Flake1718	<ul style="list-style-type: none"> • Viscosity • R&Bsoftening point • Density • Volatile content @104°C • Form 	<ul style="list-style-type: none"> • ≤70 • 90±10 • 0.89 • ≤10 • Flake 	<ul style="list-style-type: none"> • CP • °C • gr/cm³ • (%) • - 	<ul style="list-style-type: none"> • Test method : • ASTM D3236 • ASTM E28 • ASTM D611 • ASTM D6650 • -
Flake 1919	<ul style="list-style-type: none"> • Appearance • Melting point • Volatile • Viscosity • Density • Acid value • Ashcontent • Moisture content 	<ul style="list-style-type: none"> • White • 110±10 • <1.0 • 120-50±10 • 0.93±1 • 0 • <0 • Less than 2% 	<ul style="list-style-type: none"> • Flake • °C • (%) • Cps @140 °C • gr/cm³ 25°C • mg KOH/g • (%) • - 	<ul style="list-style-type: none"> • Test method : • Visual • ASTM D36 • - • ASTM D1986 • ASTM D1505 • ASTM D1986 • ASTM D5630 • -
Flake 1100	<ul style="list-style-type: none"> • Density at 23 °C • Acid Number • Drop Melting Point • Viscosity at 140 °C • Oil content • Appearance/Color 	<ul style="list-style-type: none"> • Test refrence : • ASTM D1298 • ASTM D1386 • ASTM D 127 • ASTM D445 • ASTM D721 • - 	<ul style="list-style-type: none"> • Test result : • 0.882 (gr/cm³ • 0(mg(KOH)/g) • 115.4 °C • 22 (cSt) • 7.5% (Weight%) • Solid/White 	
Powder1818	<ul style="list-style-type: none"> • Appearance • Color • Viscosity @140 °C • Density • penetration hardness • Softening point • Melting point 	<ul style="list-style-type: none"> • Value: • - • - • 30 • 0/93 • 3 • 85-105 • 105±5 	<ul style="list-style-type: none"> • Unit: • Powder • White • cP • g3/cm • d.mm • °C • °C 	

Available Grades

GRADES	Typical property :	Value:	Test method :	
Flake1205	<ul style="list-style-type: none"> • Appearance • Particle size • Acid Number • Flash Point • Penetration index • Water Content • Softening Point • Density • Mass Loss (150 °C & 1h) • Viscosity (120°C) 	<ul style="list-style-type: none"> • White bead • 40-70 mesh • <0.1 • 205 °C • ≤5 • None • ≥ 105°C • 0.92-0.94 • <1% • 10-20cp 	<ul style="list-style-type: none"> • • • ASTM D1386-10 • ASTM D92-128 • (d.mm)ASTM D1321 • Laboratory Manuel • ASTM E28 (ring&ball) • ASTM D1505 • - • ASTM D3236 	
Flake 1915	Typical property : <ul style="list-style-type: none"> • Appearance • Melting point • Volotile • Viscosity • Density • Acid value • Ashcontent • Moisture content 	Value: <ul style="list-style-type: none"> • White flake • 110±10 • <1.0 • 80±20 • 0.93±1 • 0 • <0.005 • Less than 2% 	Unit : <ul style="list-style-type: none"> • - • °C • % • cps@140 °C • gr/cm₃ 25 °C • mg KOH/g • (%) • - 	Test metod : <ul style="list-style-type: none"> • Visual • ASTM D36 • - • ASTM D1986 • ASTM D1505 • ASTM D1986 • ASTM D5630
Flacke1370 semi dry	Typical property : <ul style="list-style-type: none"> • Appearance • Acid number • Water content • Softening Point • Melting point • Density • Viscosity (140°C) 	Snow White flake <ul style="list-style-type: none"> • In Range • <1.0 • None • 85±5 °C • 90±10°C • 0.90± 0.03 °C • ≤40 Cp 	Test method : <ul style="list-style-type: none"> • VRM-WI-079-00 • ASTM D1386-10 • LABORATORY MANUAL • ASTM E28 (ring&ball) • - • ASTM D1505 • ASTM D3236 	
Flake 1200f	Specification : <ul style="list-style-type: none"> • Appearance • Acid Number • Flash Point • Penetration index • Water Content • Softening Point • Density • Mass Loss (150°C& 1h) • Viscosity (120°C) 	Pe wax 1200 f <ul style="list-style-type: none"> • In Range • <1.0 • 190 °C • ≤5 • None • >105°C • 0.92-0.94 • <1% • 10-30 Cp 	Test metod : <ul style="list-style-type: none"> • VRM-WI-079-00 • ASTM D1386-10 • ASTM D92-128 • (d.mm) ASTM D1321 • LABORATORY MANUEL • ASTM E28(ring&ball) • ASTM D1505 • - • ASTM D3236 	

Available Grades

GRADES	Typical property :	Value:	
KWX 1050	<ul style="list-style-type: none"> • Form • Color • Melting point • Viscosity • Flash Point • Dissolvabilty • Volotile Substances 	<ul style="list-style-type: none"> • Flake • White • 89±5 • 5.1~5.8 CPS in 130 °C • 155±5 • None solvent • <2.7% 	
	Typical property : <ul style="list-style-type: none"> • Form • Color • Melting point • Viscosity • Flash Point • Dissolvabilty • Volotile Substances 	Value: <ul style="list-style-type: none"> • Flake • Milky White • 94±5 • 32 ~ 36 CPS in 130 °C • 150±5 • None solvent • <2% 	
KMX 1020	<ul style="list-style-type: none"> • Form • Color • Melting point • Viscosity • Flash Point • Dissolvabilty • Volotile Substances 	<ul style="list-style-type: none"> • Flake • White • 89±5 • 32~36 CPS in 130 °C • 152±5 • None solvent • <2% 	
	Typical property : <ul style="list-style-type: none"> • Form • Color • Melting point • Viscosity • Flash Point • Dissolvabilty • Volotile Substances 	Value: <ul style="list-style-type: none"> • Flake • White • 89±5 • 5.1~5.8 CPS in 130 °C • 155±5 • None solvent • <2.7% 	
KMX 1010	<ul style="list-style-type: none"> • Form • Color • Melting point • Viscosity • Flash Point • Dissolvabilty • Volotile Substances 	<ul style="list-style-type: none"> • Flake • White • 89±5 • 5.1~5.8 CPS in 130 °C • 155±5 • None solvent • <2.7% 	
	Typical property : <ul style="list-style-type: none"> • Form • Color • Melting point • Viscosity • Flash Point • Dissolvabilty • Volotile Substances 	Value: <ul style="list-style-type: none"> • Flake • White • 89±5 • 5.1~5.8 CPS in 130 °C • 155±5 • None solvent • <2.7% 	
Powder 1200f	Specification : <ul style="list-style-type: none"> • Appearance • Acid Number • Flash Point • Penetration index • Water Content • Softening Point • Density • Mass Loss (150°C& 1h) • Viscosity (120°C) 	Pe wax 1200 f <ul style="list-style-type: none"> • In Range • <1.0 • 205 °C • ≤5 • None • >105°C • 0.92-0.94 • <1% • 10-30 Cp 	Test metod : <ul style="list-style-type: none"> • VRM-WI-079-00 • ASTM D1386-10 • ASTM D92-128 • (d.mm) ASTM D1321 • LABORATORY MANUEL • ASTM E28(ring&ball) • ASTM D1505 • - • ASTM D3236

Available Grades

GRADES	Typical property :	Value:	Unit:
Poder1820	<ul style="list-style-type: none"> • Appearance • Color • Viscosity @140°C • Density • Penetration hardness • Softening Point • Melting Point 	<ul style="list-style-type: none"> • - • - • 30 • 0/93 • 3 • 85-105 • 110±5 	<ul style="list-style-type: none"> • Powder • white • cP • gr/cm3 • d.mm • °C • °C

Packaging

((SMALL BAG)): 25k. + Pallet

((JUMBO BAG)) 1200k.

Technical Data Sheet

Polyethylene wax (also known as PE wax) is a low molecular weight polyethylene polymer. Because of its low molecular weight Polyethylene Wax has wax physical characteristics that include properties such as low viscosity , high hardness (brittleness) and relatively high melt point .

Typical application	Product characteristics
.Hot melt adhesive.	.Excellent pigment wettability
PVC compound.	.Excellent lubrication
Color master batch.	.Excellent chemical resistance
Rubber.	.Good heat resistance and thermal stability
Coatings.	.Excellent anti-sticking properties when used in PVC melts
Cable.	.provides excellent organoleptic properties ,brilliant dispersing properties for pigment, fillers and additives as well as thermal stability and color stability
Inks.	
Textile emulsions.	
Powder paints.	

Function	Applications
Viscosity reduction and heat resistance improvement	Hot melt adhesive PVC compound
Excellent lubrication	Color master batch
Dispersing agent	Rubber
Viscosity reduction and lubricant	