



STRIVING TOWARDS EXCELLENCE



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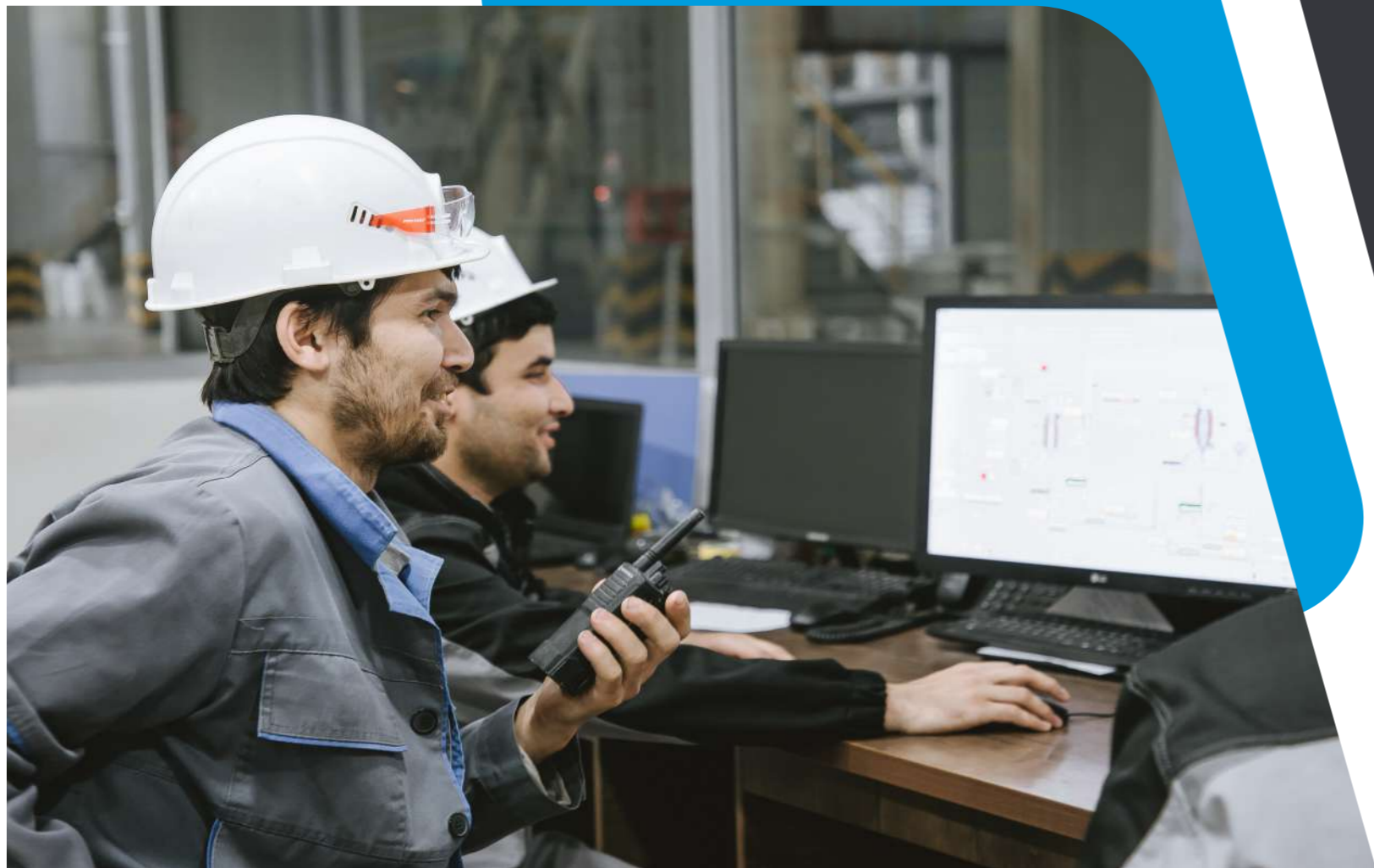
PRODUCT BROCHURE

www.vektanchemical.com

About Vektan Chemical

Vektan Chemical is a forward-looking manufacturer based in Tashkent, Uzbekistan, dedicated to delivering high-quality chemical solutions. Our portfolio includes polyethylene waxes, oxidized waxes, and micronized waxes that support a wide range of industries such as coatings, plastics, inks, and adhesives.

Combining advanced production technologies with strict quality standards, we ensure reliability, consistency, and performance in every product. At Vektan Chemical, we value trust and long-term cooperation, striving to provide our partners with innovative, sustainable, and competitive solutions that contribute to their success.



Applications

- Coatings & Paints
- Plastics & Masterbatches
- Printing Inks
- Adhesives & Hot-melts
- Rubber & Tire Industry
- Textiles & Polishes

Low viscous polyethylene wax

ZORLUB	Grades	Drop point [°C]	Viscosity [mPa . s] at 140°C	Penetration [mm . 10-1] at 25°C	Acid value [mg KOH/g]	Wax type	Appearance
	Test method	ASTM D 3954	ASTM D 3236	ASTM D 1321	ASTM D 1386		
	VT110(F)	112 ± 5	5-20	10-15	Nil	HDPE	flakes
	VT110(P)	115 ± 5	5-20	4-8	Nil	HDPE	powder
	VTR-114	115 ± 5	5-20	3-6	Nil	HDPE	prills
	VTR-118	118 ± 5	5-20	1-3	Nil	HDPE	prills

Micronized polyethylene wax

ZORMIC	Grades	Drop point [°C]	Penetration [mm . 10-1] at 25°C	Particle size d50 (µm)	Particle size d97 (µm)	Wax type	Appearance
	Test method	ASTM D 3954	ASTM D 1321	ISO13320	ISO13320		
	VTMX-116	118 ± 5	1 - 3	5 - 7	≤15	HDPE	fine powder
	VTMX-118	118 ± 5	1 - 3	7 - 9	≤19	HDPE	fine powder

Oxidized polyethylene wax

ZOROX	Grades	Drop point [°C]	Viscosity [mPa . s] at 140°C	Penetration [mm . 10-1] at 25°C	Acid value [mg KOH/g]	Wax type	Appearance
	Test method	ASTM D 3954	ASTM D 3236	ASTM D 1321	ASTM D 1386		
	168	105 ± 5	8-12	5-10	16-18	HDPE	off-white powder
	202	105 ± 5	8-12	5-10	20-22	HDPE	off-white powder

Thermal Cracked polyethylene wax

ZORACK	Grades	Drop point [°C]	Viscosity [mPa . s] at 140°C	Penetration [mm . 10-1] at 25°C	Acid value [mg KOH/g]	Wax type	Appearance
	Test method	ASTM D 3954	ASTM D 3236	ASTM D 1321	ASTM D 1386		
	P3712	~112	~375	~3	Nil	LDPE	powder
	P7013	~113	~700	~2	Nil	LDPE	powder
	P6615	~115	~660	~3	Nil	LDPE	powder
	Y3326	~127	~330	~3	Nil	HDPE	powder
	Y4326	~127	~430	~1	Nil	HDPE	powder
	Y8430	~130	~840	~1	Nil	HDPE	powder
	Y1024	~125	~100	~2	Nil	HDPE	powder

Oxidized Polyolefin wax

ZORMAX	Grades	Drop point [°C]	Viscosity [mPa . s] at 150°C	Penetration [mm . 10-1] at 25°C	Density [g/m³]	Acid value [mg KOH/g]	Wax type	Appearance
	Test method	ASTM D 3954	ASTM D 3236	ASTM D 1321		ASTM D 1386		
	1860	~133	60 000	>1	0.97	18	HDPE	powder
	2215	~133	15 000	>1	0.97	22	HDPE	powder

★ - Bestseller

v - Recommended

ZORLUB	Grade name	Masterbatch	Inks & Coatings	PVC	Road marking thermoplastics	Bitumen	Hot melt adhesive	Cable compounds	Emulsions / Dispersions
	110(F)	v		★	v			v	
	110(P)	★	v	★	v		v	★	
	R-114	v		★	★		v	★	
	R-118	v	★	v	v	★	★	v	

ZORMIC	Grade name	Masterbatch	Inks & Coatings	PVC	Road marking thermoplastics	Bitumen	Hot melt adhesive	Cable compounds	Emulsions / Dispersions
	MX-116	v	★						★
	MX-118	★	★						★

ZOROX	Grade name	Masterbatch	Inks & Coatings	PVC	Road marking thermoplastics	Bitumen	Hot melt adhesive	Cable compounds	Emulsions / Dispersions
	168		★	★				v	★
	202		v	★				v	★

ZORACK	Grade name	Masterbatch	Inks & Coatings	PVC	Road marking thermoplastics	Bitumen	Hot melt adhesive	Cable compounds	Emulsions / Dispersions
	P3712	★		★	v		v		
	P7013	v		v					
	P6615	v		v			★		
	Y3326	v	v	★	v		v		
	Y4326	★	v	v	v		★		
	Y8430		★						
	Y1024	★	v	v	v		v	v	

ZORMAX	Grade name	Masterbatch	Inks & Coatings	PVC	Road marking thermoplastics	Bitumen	Hot melt adhesive	Cable compounds	Emulsions / Dispersions
	1860	v		★		★	v		★
	2215	v		★		★	v		★

ZORLUB**Low viscous polyethylene wax**

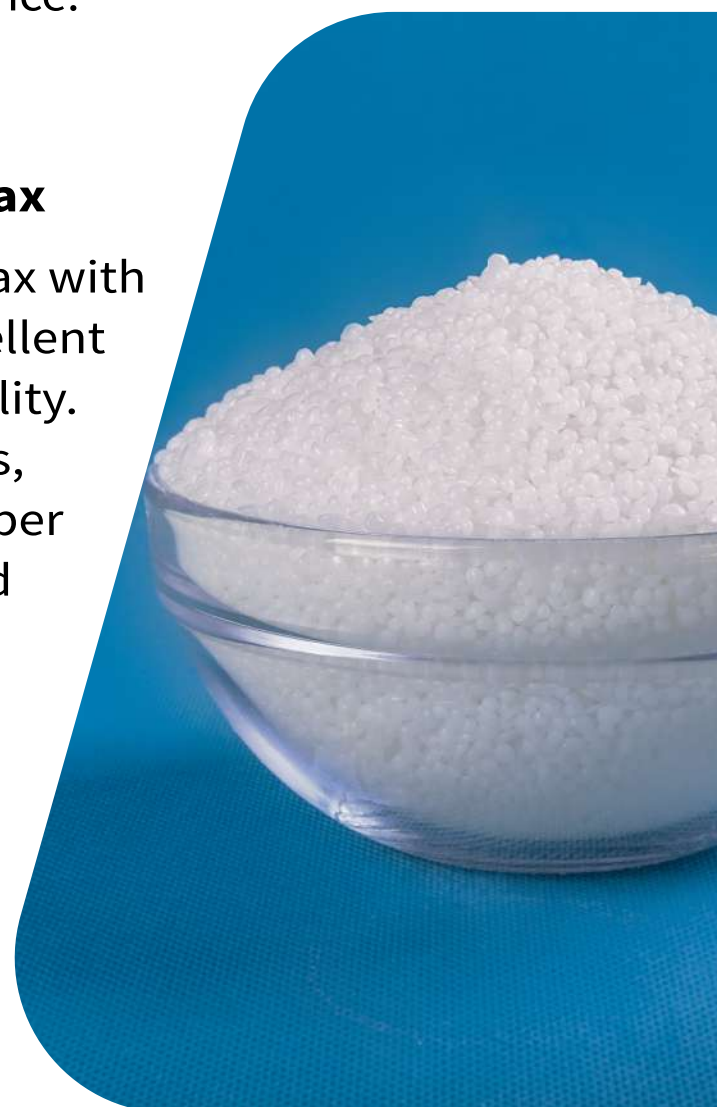
Low viscous polyethylene wax, offering excellent lubrication, dispersion, and processing aid. Commonly used in masterbatch, plastics, rubber, and coatings for improved flow and performance.

ZORMIC**Micronized polyethylene wax**

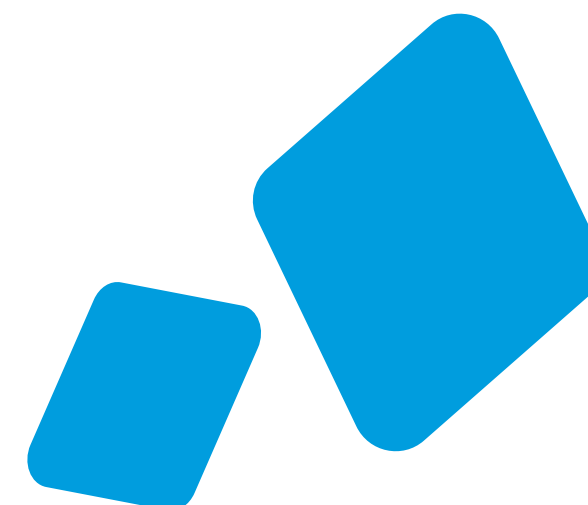
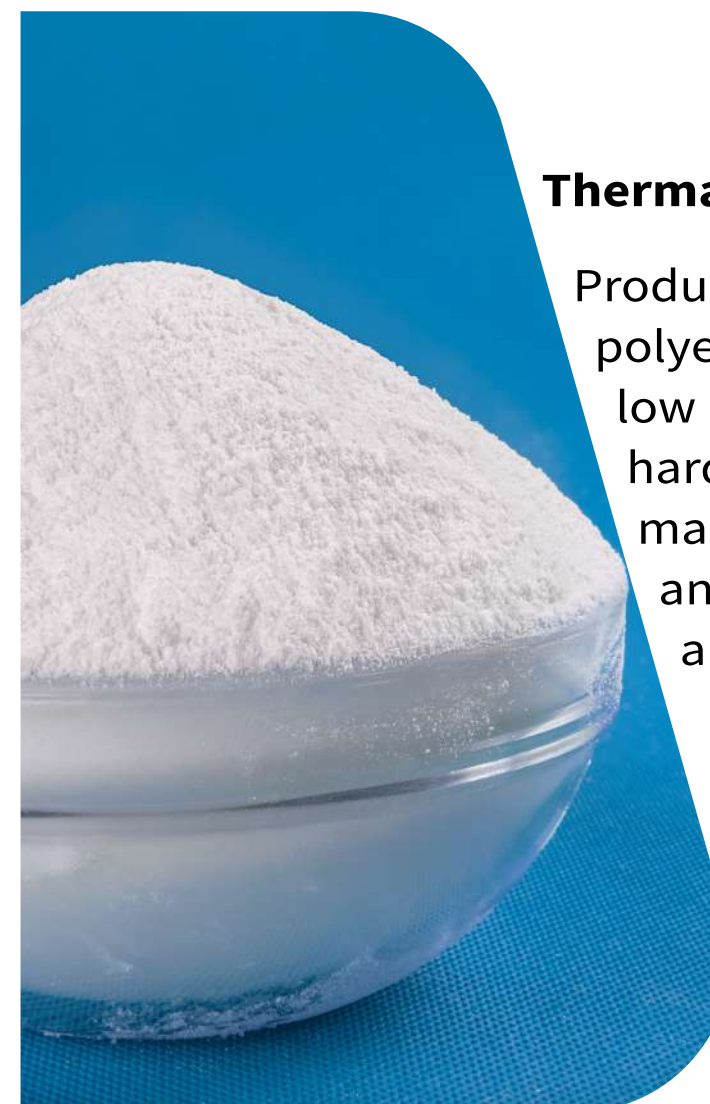
A finely ground polyethylene wax that enhances scratch resistance, slip, and matting effect. Widely used in coatings, inks, plastics, adhesives, and rubber for improved surface performance.

ZOROX**Oxidized polyethylene wax**

A chemically modified PE wax with high polarity, providing excellent dispersibility and compatibility. Widely used in coatings, inks, plastics, adhesives, and rubber for improved processing and surface properties.

**ZORACK****Thermal cracked polyethylene wax**

Produced by thermal cracking of polyethylene, this wax features low molecular weight and good hardness. It is widely used in masterbatch, plastics, coatings, and rubber as a processing aid and lubricant.

**ZORMAX****Oxidized polyolefin**

An oxidized polyolefin wax with excellent dispersibility, polarity, and thermal stability. Ideal for coatings, adhesives, plastics, inks, and rubber to improve compatibility and surface properties.

