

Inorganic And Organic Pigments

Quality is in
Our Chemistry

“Kalite Kimyamızda Var”

Uz kimya 1997 yılında İzmir’de kurulmuştur. Başlangıçta ana faaliyet konumuz boya sanayii için ham maddeler iken bugün Uz Kimya kauçuk, plastik, kompozit ve temizlik kimyasallarında da önemli ham maddeleri portföyünde bulundurmaktadır.

2013 yılından itibaren Uz Kimya demir oksit, krom sarı, molibdat oranj, antikoroziyon pigmentler gibi önemli inorganik pigmentlerin üretimine de başlamıştır.

Kurulduğu ilk günden beri Uz Kimya yüksek ürün ve servis kalitesinden ödün vermeyerek Türkiye ‘nin ve dünyanın konusunda öncü firmalarıyla işbirliği içinde olup Ege Bölgesi’nin en önemli kimyasal hammadde distribütörlerinden biri olmuştur. 2011 yılının başında yeni depo ve ofislerine taşınan firmamız müşterilerine daha büyük depo alanları ve daha hızlı servis sunarak maliyetlerde önemli avantajlar sunmaya başlamıştır.

2012 yılında kurulan kapsamlı boya kalite kontrol laboratuvar ve pigment karışım tesisi sayesinde özel pigment üretimlerine de başlamıştır. Böylelikle sunabileceğimiz ürün çeşitliliğide önemli ölçüde artmıştır.

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Uz kimya was established in 1997 as a chemical distribution. Mainly focusing on paint industry. Since 2013 production of certain inorganic pigments like iron oxides chrome yellows and anticorrosive pigments are among our capabilities. Since the first day of its establishment without giving any concession from the high quality product and high quality service and by cooperating with leading companies of the world. In the field of raw materials have in a short time become one of the important firms providing distribution services in the aegean region.

Today in addition to having in its stocks 90% of the raw product needs in the field of Paints and Constructional Chemicals of our customers also provides services in the fields of rubber, plastics, composites, oleo, cosmetics and cleaning chemicals. Especially through the new products which we have included in our spectrum of products in the areas of water and solvent based paint industry we are able to provide much easier ways of supply for our customers.

At the beginning of 2011 we have completed and moved to our new office and warehouse, so that we were able to save our customers from storage and transport costs when the costs of factory delivery and service becomes of bigger and bigger concern and every item of additional cost becomes the subject of meticulous study. In 2012 we have invested in a quality control laboratory for paint industry which enabled us to contract production of tailor made pigments for our customers. With the additional investment in a blending facility we are now able to supply a wider range of pigments for various industries. With our passion to deliver our customers the best quality we are hoping to grow further in all industries we are serving.

IRON OXIDE PIGMENTS

FULL SHADE	REDUCED SHADE 1 : 5	PIGMENT NAME AND CODE	COLOUR INDEX	SPECIFIC GRAVITY g/cm ³	BULK DENSITY g/cm ³ + 15 %	TAMPED APPEARANT DENSITY g/cm ³ 15 %	OIL ABSORPTION g/100g+15%	PH+1	MOISTURE AND VOLATILE MATTER AT 105° %max.	44 µ RESIDUE ON SIEVE, % max.	MATTER SOLUBLE IN WATER, % max.	LIGHTFASTNESS (1-8 SCALE)	HEAT STABILITY, °C	Fe ₂ O ₃ , %min.
		Iron Oxide Red R-110	PR.101 77491	5.2	0.8	1.4	20	6-7	1	0.1	0.5	7-8	800	95
		Iron Oxide Red R-130	PR.101 77491	5.2	0.8	1.4	20	6-7	1	0.1	0.5	7-8	800	95
		Iron Oxide Red R-140	PR.101 77491	5.2	0.8	1.4	20	6-7	1	0.1	0.5	7-8	800	95
		Iron Oxide Red R-160	PR.101 77491	5.2	0.8	1.4	20	6-7	1	0.1	0.5	7-8	800	95
		Iron Oxide Red OSR	PR.101 77491	5.2	0.9	1.5	19	6-7	1	0.1	0.5	7-8	800	95
		Iron Oxide Brown BR 401MG	PBR.6 77491	4.5	0.5	1.0	28	6-7	1	0.1	0.5	7-8	170	88
		Iron Oxide Brown BR 201MG	PBR.6 77491	5.0	0.6	1.2	21	6-7	1	0.1	0.5	7-8	170	90
		HeatStable Iron Oxide Brown BR 606 T	PBR mix	4.5	0.6	1.2	21	6-7	1	0.1	0.5	7-8	400	65

Baskıdan kaynaklı renk sapmaları olabilir. Lütfen ürün numunesi isteyiniz.

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IRON OXIDE PIGMENTS

FULL SHADE	REDUCED SHADE 1 : 5	PIGMENT NAME AND CODE	COLOUR INDEX	SPECIFIC GRAVITY g/cm ³	BULK DENSITY g/cm ³ + 15 %	TAMPED APPEARANT DENSITY g/cm ³ 15 %	OIL ABSORPTION g/100g+15%	PH+1	MOISTURE AND VOLATILE MATTER AT 105°, %max.	44 µ RESIDUE ON SIEVE, % max.	MATTER SOLUBLE IN WATER, % max.	LIGHTFASTNESS (1-8 SCALE)	HEAT STABILITY, °C	Fe ₂ O ₃ , %min.
		Iron Oxide Black 318	PBI.11 77499	4.5	0.6	1.3	23	6-7	1	0.1	0.5	7-8	200	95
		Iron Oxide Black 758	PBI.11 77499	4.5	0.6	1.3	23	6-7	1	0.1	0.5	7-8	200	95
		HeatStable Iron Oxide Black 404 T	PBI mix	4.5	0.6	1.3	23	6-7	1	0.1	0.5	7-8	450	65
		Iron Oxide Ferric Green 835	Pigment mix	4	0.6	1.2	22	6-7	1	0.1	0.5	7-8	170	-
		Chrome Oxide Green - BNG	PG.17 77288	2.8	0.8	1.7	18	7	1	0.3	0.4	8	1000	Cr ₂ O ₃ 99% min.
		Iron Oxide Yellow 313	PY.42 77492	3.8	0.3	0.6	35	6-7	1	0.1	0.5	7-8	170	85
		Iron Oxide Yellow 920	PY.42 77492	3.8	0.3	0.6	35	6-7	1	0.1	0.5	7-8	170	85
		HeadStable Iron Oxide Yellow ASY-303T	PY mix	3.8	0.3	0.6	35	6-7	1	0.1	0.5	7-8	500	85


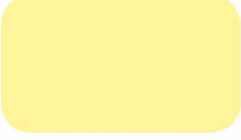




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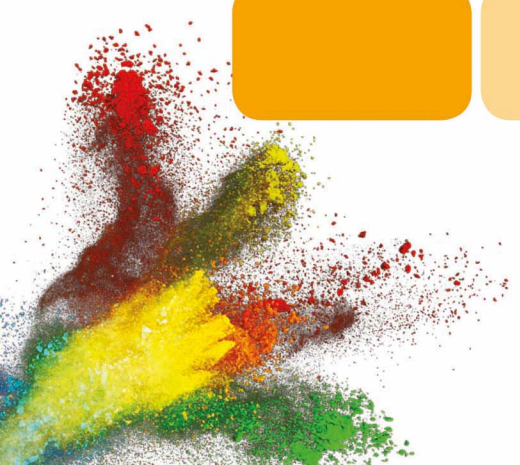
 uz kimya

CHROME YELLOW PIGMENTS

FULL SHADE	REDUCED SHADE 1 : 5	PIGMENT NAME AND CODE	COLOUR INDEX	SPECIFIC GRAVITY g/cm ³	BULK DENSITY g/cm ³ ± 15 %	TAMPED APPEARANT DENSITY g/cm ³ 15 %	OIL ABSORPTION g/100g±15%	PH+1	MOISTURE AND VOLATILE MATTER AT 105 ^o %max.	44 µ RESIDUE ON SIEVE, % max.	MATTER SOLUBLE IN WATER, % max.	LIGHTFASTNESS (1-8 SCALE)	HEAT STABILITY, °C
		Light Chrome Yellow 5064	PY.34 77603	5.6	0.5	1	16	7	0.5	0.1	0.5	7	200
		Middle Chrome Yellow 5080	PY.34 77603	5.6	0.5	1	16	7	0.5	0.1	0.5	7	200
		Lemon Chrome Yellow S-401	PY.34 77603	5.6	0.5	1	16	7	0.5	0.1	0.5	7	200
		Light Chrome Yellow B 6064	PY.34 77603	5.8	0.45	0.9	15	7	0.5	0.1	0.5	7	200
		Middle Chrome Yellow B 6480	PY.34 77603	5.8	0.45	0.9	15	7	0.5	0.1	0.5	7	200
		Dark Chrome Yellow B 8400	PY.34 77603	5.8	0.45	0.9	15	7	0.5	0.1	0.5	7	200
		Light Chrome Yellow PC 101-25	PY.34 77603	5.6	0.48	0.95	16	7	0.5	0.1	0.5	7	200
		Middle Chrome Yellow PC 103-27	PY.34 77603	5.6	0.48	0.95	16	7	0.5	0.1	0.5	7	200
		Dark Chrome Yellow MC 109-11	PY.34 77603	5.8	0.50	1	15	7	0.5	0.1	0.5	7	200

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CHROME YELLOW and MOLY PIGMENTS

FULL SHADE	REDUCED SHADE 1 : 5	PIGMENT NAME AND CODE	COLOUR INDEX	SPECIFICATIONS										
				SPECIFIC GRAVITY g/cm ³	BULK DENSITY g/cm ³ + 15 %	TAMPED APPEARANT DENSITY g/cm ³ 15 %	OIL ABSORPTION g/100g+15%	PH+1	MOISTURE AND VOLATILE MATTER AT 105° %max.	44 μ RESIDUE ON SIEVE, % max.	MATTER SOLUBLE IN WATER, % max.	LIGHTFASTNESS (1-8 SCALE)	HEAT STABILITY, °C	
		Light Chrome Yellow CRM28	PY.34 77603	5.8	0.45	0.9	15	7	0.5	0.1	0.5	7	200	
		Middle Chrome Yellow CRM38	PY.34 77603	5.8	0.45	0.9	15	7	0.5	0.1	0.5	7	200	
		Heat Stable Chrome Yellow HS37	PY.34 77603	5.8	0.45	0.9	15	7	0.5	0.1	0.5	7	250	
		Light Chrome PL4000	PR.104 77605	5.8	0.5	0.95	16	7	0.5	0.1	0.5	7	250	
		Middle Chrome PL8000	PR.104 77605	5.8	0.5	0.95	16	7	0.5	0.1	0.5	7	250	
		Molybdate Red W2227	PR.104 77605	5.1	0.5	0.95	15	7	0.5	0.1	0.5	7	200	
		Molybdate Red PWM 1150	PR.104 77605	5.1	0.5	0.95	16	7	0.5	0.1	0.5	7	200	
		Heat Stable Molybdate Red 255	PR.104 77605	5.1	0.5	0.95	16	7	0.5	0.1	0.5	7	260	
		Molybdate Red S-500	PR mix	3.2	0.4	0.8	27	7	0.5	0.1	0.5	7	200	

ORGANIC PIGMENTS

FULL SHADE	REDUCED SHADE 1 : 5	PIGMENT NAME AND CODE	DENSITY g/cm ³	OIL ABSORPTION g/100g+15%	LIGHTFASTNESS (1-8 SCALE)	HEAT RESISTANCE	WATER RESISTANCE	OIL RESISTANCE	ACID RESISTANCE	ALKALI RESISTANCE	ALCOHOL RESISTANCE	RECOMMENDED APPLICATIONS
		Pigment Fast Yellow 1401 P.Y.1	1.3-1.5	45	5	160	5	5	5	5	4	Paint and Plastic
		P.Y.74	1.3-1.7	45	8	160	5	5	5	5	5	Paint, Ink and Plastic
		P.Y.83	1.3-1.7	45	8	200	5	5	5	5	5	Paint, Ink and Plastic
		P.Y.154	1.5-1.7	45	8	250	5	5	5	5	5	Paint, Ink and Plastic
		P.O.13	1.4-1.8	45	6	200	5	5	5	4	4	Paint, Ink and Plastic
		P.O.34	1.3-1.5	45	7	220	5	5	4	5	5	Paint, Ink and Plastic
		Toluidine Red TRD 100 P.R.3	1.3-.1.5	45	5	160	4	4	5	4	2	Paint and Ink
		P.R.48:4	1.6-1.8	45	7	200	4	4	3	3	3	Paint, Ink and Plastic
		P.V.23	1.4-1.6	40	8	280	5	5	5	5	5	Paint, Ink and Plastic

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ORGANIC PIGMENTS

FULL SHADE

REDUCED SHADE 1 : 5

PIGMENT NAME AND CODE

DENSITY g/cm³

OIL ABSORPTION g/100g+15%

LIGHTFASTNESS (1-8 SCALE)

HEAT RESISTANCE

WATER RESISTANCE

OIL RESISTANCE

ACID RESISTANCE

ALKALI RESISTANCE

ALCOHOL RESISTANCE

RECOMMENDED APPLICATIONS

		P.R.112	1.3-1.5	45	7	190	5	5	5	5	4	Paint, Ink and Plastic
		P.R.122	1.3-1.5	40	8	250	5	5	5	5	5	Paint, Ink and Plastic
		Pigment Maroon L7000 P.R. 52:2	1.3-1.5	45	7	180	5	5	4	4	4	Paint, Ink and Plastic
		P.R.170	1.3-1.5	45	7	200	5	5	5	5	4	Paint, Ink and Plastic
		P.R.254	1.5-1.7	40	8	300	5	5	5	5	5	Paint, Ink and Plastic
		P.B.15:0	1.3-1.8	45	8	190	5	5	5	5	4	Paint, Ink and Plastic
		P.B.15:1	1.3-1.8	45	8	280	5	5	5	5	5	Paint, Ink and Plastic
		P.B.15:2	1.3-1.8	45	8	250	5	5	5	5	5	Paint, Ink and Plastic
		P.B.15:3	1.3-1.8	45	8	250	5	5	5	5	5	Paint, Ink and Plastic
		P.B.15:4	1.3-1.8	45	8	240	5	5	5	5	5	Paint, Ink and Plastic
		P.G.7	1.8-2.5	45	8	300	5	5	5	5	5	Paint, Ink and Plastic

ANTI CORROSIVE PIGMENTS

FULL SHADE	REDUCED SHADE 1 : 5	PIGMENT NAME AND CODE	COLOUR INDEX	SPECIFIC GRAVITY g/cm ³	BULK DENSITY g/cm ³ + 15 %	TAMPED APPEARANT DENSITY g/cm ³ 15 %	OIL ABSORPTION g/100g+15%	PH+1	MOISTURE AND VOLATILE MATTER AT 105° %max.	44, µ RESIDUE ON SIEVE, % max.	MATTER SOLUBLE IN WATER, % max.	LIGHTFASTNESS (1-8 SCALE)	HEAT STABILITY, °C	
		BARIUM CHROMATE BC-40	PY.31 77103	4.4	0.5	1.1	20	7	0.5	0.5	0.5	7	230	57-59 37-39
		ZINC PHOSPHATE ZP-46	PW.32	3.4	0.5	0.9	30	7	1	0.5	0.5	7	160	50.5-52 47-49
		ZINC CHROMATE ZC-44	PY.36 77955	3.7	0.5	0.95	25	7	0.5	0.5	1	5-6	160	35-40 42-44 10-12
		ZINC TETROXY CHROMATE ZTC-19	PY.36 77955	4.8	0.3	0.6	35	7	0.5	0.5	0.5	5-6	160	69-72 17-19
		STRONTIUM CHROMATE SC-47	PY.32 77839	3.9	0.25	0.50	32	7	0.5	0.5	0.5	7-8	230	46-48 47-48
		REDLEAD SLG-HD	PR.105 77578	8.8	1.8	2.6	9	8	0.5	0.5	0.5	8	230	92-95
		Zinc Dust PT	Cas No 74406-66-6	7,1	1,4	2,5	11	7	0,5	1	0,5	8	300	98

- BaO
- ZnO
- CrO₃
- K₂O
- PO₄
- SrO
- Metallic Zinc%
- Pb₃O₄ %min.
- Metallic Zing

LEAD FREE PIGMENTS



		Bismut Vanadate BU 1030	PY 184	6,1	0,4	0,8	35	7	0,5	0,5	0,5	8	280
		Hibrit Yellow LF9000	PY MIX	4	0,4	0,8	35	7	0,5	0,5	0,5	7	200

HIGH PERFORMANCE ORGANIC PIGMENTS

FULL SHADE	REDUCED SHADE 1:5	PIGMENT NAME AND CODE	COLOR INDEX	DENSITY (G/CM ³)		OIL ABSORPTION (G/100G)	LIGHTFASTNESS (FULL SHADE)	HEAT STABILITY [°C]	SPECIFIC SURFACE (M ² /G)	ACID RESISTANCE	ALKALI RESISTANCE	RECOMMENDED APPLICATION		
												COATINGS	PLASTICS	INKS
		Hifast Yellow HF3G	Pigment Yellow 154	1,55	55	8	160	20	5	5	●	○	●	
		Hifast Yellow HF3M	Pigment Yellow 194	1,46	98	7-8	200	19	5	5	●	—	○	
		Hifast Yellow HF4R	Pigment Yellow 139	1,70	50	8	200	25	5	5	●	●	●	
		Hifast Yellow HF4G	Pigment Yellow 151	1,55	48	8	200	23	5	3	●	●	●	
		Hifast Yellow HF5M	Pigment Yellow 180	1,40	55	7-8	200	44	5	5	○	●	●	
		Hifast Orange HF2Y	Pigment Orange 64	1,50	45	7-8	200	27	5	5	●	●	●	
		Hifast Orange HF3R	Pigment Orange 36	1,64	68	8	160	31	5	5	●	○	○	
		Hifast Orange HF3Y	Pigment Orange 67	1,75	41	8	180	14	5	4-5	●	○	○	
		Hifast Orange HF6Y	Pigment Orange 62	1,52	72	8	180	10	5	5	●	—	●	
		Hifast Scarlet HF2Y	Pigment Red 166	1,50	55	7-8	200	29	5	5	●	●	●	
		Hifast DPP Red HF2Y	Pigment Red 254	1,58	55	8	300	14	5	5	●	●	●	

HIGH PERFORMANCE ORGANIC PIGMENTS

FULL SHADE	REDUCED SHADE 1:5	PIGMENT NAME AND CODE	COLOR INDEX	DENSITY (G/CM ³)	OIL ABSORPTION (G/100G)	LIGHTFASTNESS (FULL SHADE)	HEAT STABILITY [°C]	SPECIFIC SURFACE (M ² /G)	ACID RESISTANCE	ALKALI RESISTANCE	RECOMMENDED APPLICATION		
											COATINGS	PLASTICS	INKS
		Hiffast Scarlet HF4Y	Pigment Red 242	1,61	56	8	200	39	5	5	●	●	●
		Hiffast Carmine HF5B	Pigment Red 176	1,40	56	7	200	81	5	5	○	●	●
		Hiffast Brown HF25	Pigment Brown 25	1,53	86	8	200	90	5	5	●	●	●

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- RECOMMENDED
- LIMITED SUITABILITY
- NOT RECOMMENDED

COMPLEX METALIC INORGANIC PIGMENTS

FULL SHADE	REDUCED SHADE 1:5	PIGMENT NAME AND CODE	COLOR INDEX	DENSITY (G/CM ³)	OIL ABSORPTION (G/100G)	LIGHTFASTNESS (FULL SHADE)	HEAT RESISTANCE [°C]	PRIMARY PARTICLE SIZE D50(µm)	ACID RESISTANCE	ALKALI RESISTANCE	MOISTURE MAX (%)	WATER SOLUBLE MATTER MAX (%)	pH
		Pigment Blue TS3010	Pigment Blue 28	4,20	16-26	8	800	1.2	5	5	1	1	7,5-9,5
		Pigment Green S5010	Pigment Green 50	4,20	10-20	8	800	1.5	5	5	1	1	7-9,5
		Heat Stable Black 910A	Pigment Black 28	5,20	14-19	8	800	1.2	5	5	1	1	6-8

The technical data are determined according to the standards stated below.

Teknik veriler aşağıda belirtilen standartlara göre tespit edilmiştir.

1. Specific Gravity :
DIN 53193/ISO 787-10

2. Bulk Density and Tamped Apparent Density :
TSE 2328/ISO 787-11.

3. Oil Absorption :
DIN 53199/TSE 2383/ISO 787-5.

4. pH Value :
DIN 53200/TSE 2326/ISO 787-9.

5. Matter Volatile at 105oC :
TSE 2580/ISO 787-2

6. Residue On Sieve :
TSE 2585/ISO 787-7.

7. Matter Soluble In Water :
TSE 2325, 2581/ISO 787-8, ISO 787-3

8. Lightfastness :
TSE 2614/ISO 787-15.

9. Heat Resistance :
TSE 4673/ISO 787-21.

10. Chrome Yellow/Molybdate Orange Pigments :
TSE 7517/ISO 3711.

Anticorrosive pigments

	ZP-46	ZC-44	ZTC-19	SC-47	BC-40	ZINC DUST PT
Oil and resin finishes	+	+	NR	+	+	+
NC lacquers	NR	+	NR	+	+	0
Coil coatings	NR	+	+	+	+	0
Epoxide finishes	+	+	NR	0	0	+
Unsaturated polyester finishes	0	+	NR	0	0	NR
Acrylics	+	+	NR	0	0	0
Water soluble finishes	0	NR	NR	+	+	NR
Machinery finishes	0	+	NR	+	+	+

where “+” = well suitable “0” = conditionally suitable “NR” = NOT RECOMMENDED

Chrome yellows and Molybdate

Chrome yellows

Molybdate oranges

Oil and Resin Finishes	+	+
Acrylics	+	+
Powder coating	+	+
Polyester finishes	+	+
NC lacquers	+	+
Dispersion paints	+	+
Polypropylene	+	+
PVC	+	+
Polystyrene	+	+
Polyurethane	+	+

Iron oxides

	Red-110 130-140 160-OSR	YELLOW 313-920	BROWN 401 MG 201 MG	IRON OXIDE BLACK 318	IRON OXIDE BLACK 758	IRON OXIDE FERRIC GREEN 835	CHROME OXIDE GREEN BNG
Concrete	+	+	+	+	+	+	+
Floors	+	+	+	+	+	+	+
Roof	+	+	+	+	+	+	+
Plaster	+	+	+	+	+	+	+
Mortar	+	+	+	+	+	+	+
Water based paint	+	+	+	+	+	+	+
Solvent based paint	+	+	+	+	+	+	+
Paper	+	+	+	+	+	+	+
PVC	+	+	+	+	+	+	+
PP&PE	+	NR	+	NR	+	+	NR

where “+” = well suitable “0” = conditionally suitable “NR” = NOT RECOMMENDED

The information given here is to the best of our knowledge and experience therefore can not be accepted as a warranty. It is the user's responsibility to check the suitability of each product.

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