

TECHNICAL PASSPORT
Iron oxide pigment Grade 130
Production Uzbekistan

Product description:

Iron oxide pigment 130. Inert, non-toxic and high quality inorganic a pigment obtained by a mixed acid process. Due to the stable chemical composition and structure, it is insoluble in water and dilute acids, resistant to acid, alkali, and absolutely resistant to weather and light.

The main properties of the product:

Brand:	Serial number:	Volume in tons
130		
Technical description	Technical requirements	Test results
Content: $Fe_2O_3 \cdot \alpha H_2O$	$\geq 96\%$	101%
Oil Absorption: $ml/100g$	15-25	21
Res. For 325 mesh:	$\leq 0,3\%$	0,18%
Humidity: $105^\circ C$	$\leq 1,0\%$	$\leq 0,68\%$
Ph value:	3,0-7,0	6,9
Tinting fixation (compared to standard)	95-105%	99%
Color difference ΔE (compared to standard)	$\leq 1,0$	1
Water soluble salts:	$\leq 0,3$	0,25

It is characterized by good hiding power, high color density, outstanding light fastness, strong UV absorption and fine dispersion, making it widely used as a colorant for cement mortars and paints.

Head of production base



Diniev B.R.

TECHNICAL PASSPORT
Iron oxide pigment Grade 110
Production Uzbekistan

Product description:

Iron oxide pigment 110. Inert, non-toxic and high quality inorganic a pigment obtained by a mixed acid process. Due to the stable chemical composition and structure, it is insoluble in water and dilute acids, resistant to acid, alkali, and absolutely resistant to weather and light.

The main properties of the product:

Brand:	Serial number:	Volume in tons
110		
Technical description	Technical requirements	Test results
Content: Fe ₂ O ₃ ·αH ₂ O	≥96%	98%
Oil Absorption: мл/100g	15-25	22
Res. For 325 mesh:	≤0,3%	0,20%
Humidity: 105°C	≤1,0%	0,30%
Ph value:	3,0-7,0	4,91
Tinting fixation (compared to standard)	95 -105%	100%
Color difference ^E (compared to standard)	≤1,0	0,16
Water soluble salts:	≤0,3	0,1

It is characterized by good hiding power, high color density, outstanding light fastness, strong UV absorption and fine dispersion, making it widely used as a colorant for cement mortars and paints.

Head of production base



Diniev B.R.

TECHNICAL PASSPORT
Iron oxide pigment Grade 101
Production Uzbekistan

Product description:

Iron oxide pigment 101. Inert, non-toxic and high quality inorganic a pigment obtained by a mixed acid process. Due to the stable chemical composition and structure, it is insoluble in water and dilute acids, resistant to acid, alkali, and absolutely resistant to weather and light.

The main properties of the product:

Brand:	Serial number:	Volume in tons
101		
Technical description	Technical requirements	Test results
Content: $Fe_2O_3 \cdot \alpha H_2O$	$\geq 96\%$	96%
Oil Absorption: ml/100g	15-25	21
Res. For 325 mesh:	$\leq 0,3\%$	0,20%
Humidity: 105°C	$\leq 1,0\%$	0,47%
Ph value:	3,0-7,0	4,72
Tinting fixation (compared to standard)	95 -105%	100%
Color difference ΔE (compared to standard)	$\leq 1,0$	0,27
Water soluble salts:	$\leq 0,3$	0,1

It is characterized by good hiding power, high color density, outstanding light fastness, strong UV absorption and fine dispersion, making it widely used as a colorant for cement mortars and paints.

Head of production base



Diniev B.R.

TECHNICAL PASSPORT
Iron oxide pigment Grade 313
Production Uzbekistan

Product description:

Iron oxide pigment 313. Inert, non-toxic and high quality inorganic a pigment obtained by a mixed acid process. Due to the stable chemical composition and structure, it is insoluble in water and dilute acids, resistant to acid, alkali, and absolutely resistant to weather and light.

The main properties of the product:

Brand:	Serial number:	Volume in tons
313		
Technical description	Technical requirements	Test results
Content: Fe ₂ O ₃ ·αH ₂ O	≥96%	96%
Oil Absorption: мл/100g	15-25	21
Res. For 325 mesh:	≤0,3%	0,18%
Humidity: 105°C	≤1,0%	0,68%
Ph value:	3,0-7,0	6,9
Tinting fixation (compared to standard)	95 -105%	99%
Color difference ^E (compared to standard)	≤1,0	1
Water soluble salts:	≤0,3	0,25

It is characterized by good hiding power, high color density, outstanding light fastness, strong UV absorption and fine dispersion, making it widely used as a colorant for cement mortars and paints.

Head of production base



Diniev B.R.

TECHNICAL PASSPORT
Iron oxide pigment Grade 686
Production Uzbekistan

Product description:

Iron oxide pigment 686. Inert, non-toxic and high quality inorganic a pigment obtained by a mixed acid process. Due to the stable chemical composition and structure, it is insoluble in water and dilute acids, resistant to acid, alkali, and absolutely resistant to weather and light.

The main properties of the product:

Brand:	Serial number:	Volume in tons
686		
Technical description	Technical requirements	Test results
Content: $Fe_2O_3 \cdot \alpha H_2O$	$\geq 85\%$	87%
Oil Absorption: $ml/100g$	25-35	31
Res. For 325 mesh:	$\leq 0,5\%$	0,18%
Humidity: $105^\circ C$	$\leq 1,0\%$	0,30%
Ph value:	5,0-7,0	4,0
Tinting fixation (compared to standard)	95 -105%	99%
Color difference ΔE (compared to standard)	$\leq 1,0$	0,28
Water soluble salts:	$\leq 0,5$	0,25

It is characterized by good hiding power, high color density, outstanding light fastness, strong UV absorption and fine dispersion, making it widely used as a colorant for cement mortars and paints.

Head of production base



A handwritten signature in blue ink, appearing to be "Diniev B.R.", written over a light yellow background.

Diniev B.R.

TECHNICAL PASSPORT
Iron oxide pigment Grade 960
Production Uzbekistan

Product description:

Iron oxide pigment 960. Inert, non-toxic and high quality inorganic a pigment obtained by a mixed acid process. Due to the stable chemical composition and structure, it is insoluble in water and dilute acids, resistant to acid, alkali, and absolutely resistant to weather and light.

The main properties of the product:

Brand:	Serial number:	Volume in tons
960		
Technical description	Technical requirements	Test results
Content: Fe ₂ O ₃ ·αH ₂ O	≥96%	96%
Oil Absorption: мл/100g	15-25	21
Res. For 325 mesh:	≤0,3%	0,18%
Humidity: 105°C	≤1,0%	0,68%
Ph value:	3,0-7,0	6,9
Tinting fixation (compared to standard)	95 -105%	99%
Color difference ^E (compared to standard)	≤1,0	1
Water soluble salts:	≤0,3	0,25

It is characterized by good hiding power, high color density, outstanding light fastness, strong UV absorption and fine dispersion, making it widely used as a colorant for cement mortars and paints.

Head of production base



Diniev B.R.