

Full shade	3% Pigment in white cement	Mass tone	Reduction with Ti-pure R-705(1:4)	Full shade	3% Pigment in white cement	Mass tone	Reduction with Ti-pure R-705(1:4)
							
RED S110	RED S110	RED S110	RED S110	ORANGE S960	ORANGE S960	ORANGE S960	ORANGE S960
							
RED S120	RED S120	RED S120	RED S120	BROWN S610	BROWN S610	BROWN S610	BROWN S610
							
RED S130	RED S130	RED S130	RED S130	BROWN S660	BROWN S660	BROWN S660	BROWN S660
							
RED S140	RED S140	RED S140	RED S140	BROWN S665(66)	BROWN S665(66)	BROWN S665(66)	BROWN S665(66)
							
RED S190	RED S190	RED S190	RED S190	BLACK S316	BLACK S316	BLACK S316	BLACK S316
							
YELLOW S920	YELLOW S920	YELLOW S920	YELLOW S920	BLACK S306	BLACK S306	BLACK S306	BLACK S306
							
YELLOW S930(31)	YELLOW S930(31)	YELLOW S930(31)	YELLOW S930(31)	BLACK S330(72)	BLACK S330(72)	BLACK S330(72)	BLACK S330(72)

The actual colour is based on the samples we sent you. This colour shade is only for your reference.

Yipin Pigments Index No.	Grade	Purity	100% Moisture	Water soluble salts	Sieve residue on 45um	Water (CO) absorption	Color difference	Tinting strength	Density	Preparation particle size	Customer reduce %
		ISO 1248/8	ISO 787/2	ISO 787/3	ISO 787/7	ISO 787/5	ISO 787/1	ISO 787/16	ISO 787/10		
		min. %	max. %	max. %	max. %	max. %	delta E max.	%	approx g/cm <sup>3</sup>	µm	delta E max.
Red C.I.Pigment Red 101 C.I.77491	S110	94.0	1.0	1.0 0.5	0.5 0.3	15.0-25.0	1.0	100.0±5.0	5.0	0.1-0.3	5.0
	S120	95.0	1.0	1.0 0.3	0.5 0.3	15.0-25.0	1.0	100.0±5.0	5.0	0.1-0.3	5.0
	S130	95.0	1.0	1.0 0.3	0.5 0.3	15.0-25.0	1.0	100.0±5.0	5.0	0.1-0.3	5.0
	S140	95.0	1.0	1.0 0.3	0.5 0.3	15.0-25.0	1.0	100.0±5.0	5.0	0.1-0.3	5.0
	S190	95.0	1.0	1.0 0.3	0.5 0.3	15.0-25.0	1.0	100.0±5.0	5.0	0.1-0.3	5.0
Yellow C.I.Pigment Yellow 42 C.I.77492 combination of C.I.77491,77492	S920	86.0	1.0	1.0 0.3	0.5 0.3	35.0	1.0	100.0±5.0	4.0-4.3	0.1x0.8	14.0
	S930 (313)	86.0	1.0	1.0 0.3	0.5 0.3	35.0	1.0	100.0±5.0	4.0-4.3	0.1x0.6	14.0
	S960	86.0	1.0	1.0 0.3	0.5 0.3	/	1.0	100.0±5.0	4.0-4.3	0.1x0.8	/
Brown combination of C.I.77491,77492 S77499	S910	85.0	1.0	1.0 0.3	0.5 0.3	/	1.0	100.0±5.0	4.5	0.1-0.8	/
	S960	94.0	1.0	1.0 0.3	0.5 0.3	/	1.0	100.0±5.0	4.5	0.1-0.8	/
	S966 (868)	94.0	1.0	1.0 0.3	0.5 0.3	/	1.0	100.0±5.0	4.5	0.1-0.8	/
Black Black 11 C.I.77499	S218	90.0	1.0	1.0 0.3	0.5 0.3	25.0	1.0	100.0±5.0	4.5-5.0	0.2	/
	S306	94.0	1.0	1.0 0.3	0.5 0.3	25.0	1.0	100.0±5.0	4.5-5.0	0.2	/
	S330 (723)	94.0	1.0	1.0 0.3	0.5 0.3	/	1.0	100.0±5.0	4.5-5.0	0.2	/

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The red letters means the technical data of S Series Iron Oxide Pigments relative to coating and paint area.

Easy-disperse DETECH

Full shade	3% Pigment in white cement	Reduction with Ti-pure R-706(1:5)
 RED 4110	 RED 4110	 RED 4110
 RED 4120	 RED 4120	 RED 4120
 RED 4125	 RED 4125	 RED 4125
 RED 4130	 RED 4130	 RED 4130
 RED 4140	 RED 4140	 RED 4140
 YELLOW 4920	 YELLOW 4920	 YELLOW 4920
 ORANGE 4960	 ORANGE 4960	 ORANGE 4960
 BROWN 4686	 BROWN 4686	 BROWN 4686
 BLACK 4330	 BLACK 4330	 BLACK 4330
 BLACK 4330-3	 BLACK 4330-3	 BLACK 4330-3

Micronized





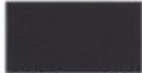

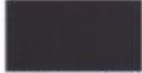

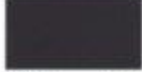

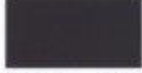

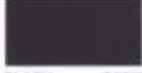

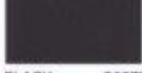

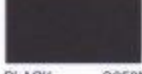

Mass tone	Reduction with Ti-pure R-706(1:5)
 RED S110M	 RED S110M
 RED S130M	 RED S130M
 YELLOW S920M	 YELLOW S920M
 BLACK S330M	 BLACK S330M

The actual colour is based on the samples we sent you. This colour shade is only for your reference.

Yipin Pigments Index No.	Code	Purity	Water soluble ratio	Loss on heating 1000°C/0.5h	Water (OH) absorption	Sieve residue on 45µm	PH	Tensile strength	Color difference	Density	Profound particle size	Particle shape	Histogram (Gm/100g)		Dispersal indexes (µm)																
													DIN-ISO68810			DIN-ISO7073		DIN-ISO9913		DIN-ISO7075		DIN-ISO5316		DIN-ISO189		DIN-ISO1810		DIN-ISO174		DIN-ISO7070	
													min. %	max. %		max. %	approx.	max. %	Range	%	Delta E max.	approx.	µm	min. %	max. %						
Red C.I.Pigment Red 101 C.I.77491	4110	95.0	0.5	4.0	25.0	0.05	5.0-7.0	95.0-105.0	1.0	5.0	0.1	spherical																			
	4120	95.0	0.5	4.0	25.0	0.05	5.0-7.0	95.0-105.0	1.0	5.0	0.2																				
	4125	95.0	0.5	4.0	25.0	0.05	5.0-7.0	95.0-105.0	1.0	5.0	0.2																				
	4130	95.0	0.5	4.0	25.0	0.05	5.0-7.0	95.0-105.0	1.0	5.0	0.2																				
	4140	95.0	0.5	4.0	25.0	0.05	5.0-7.0	95.0-105.0	1.0	5.0	0.3																				
	5110M	96.0	0.5	0.7	20.0	0.005	5.0-7.0	97.0-103.0	1.0	5.0	0.1			5.0	25																
5130M	96.0	0.5	0.7	20.0	0.005	5.0-7.0	97.0-103.0	1.0	5.0	0.1		5.0	25																		
Yellow C.I.Pigment Yellow 42 C.I.77492 combination of C.I.77491, 77492	4920	86.0	0.5	14.0	40.0	0.05	4.0-7.0	95.0-105.0	1.0	4.0	0.1x0.8	acicular																			
	4960	86.0	0.5	12.0	40.0	0.05	4.0-7.0	95.0-105.0	1.0	4.3	0.1x0.8		predom acicular																		
	5920M	87.0	0.5	17.0	35.0	0.005	4.5-7.0	97.0-103.0	1.0	4.1	0.1x0.4			5.0	25																
Brown combination of C.I.77491, 77492 877499	4684	95.0	0.5	4.0	25.0	0.05	5.0-7.0	95.0-105.0	1.0	4.5	0.1-0.8	irregular																			
Black Black 11 C.I.77499	4330	95.0	0.5	N.A.	30.0	0.3	5.0-8.0	95.0-105.0	1.0	4.5	0.2		spherical																		
	4350D	95.0	0.5	N.A.	30.0	0.3	5.0-8.0	95.0-105.0	1.0	4.5	0.2																				
	5030W	94.0	0.5	N.A.	25.0	0.05	7.0-8.0	97.0-103.0	0.8	4.5	0.2			4.0	50																

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Mass tone	Reduction with Ti-pure R-706(1:5)
 RED S110M	 RED S110M
 RED S128M	 RED S128M
 RED S130M	 RED S130M
 RED S137M	 RED S137M
 RED S157M	 RED S157M
 RED S167M	 RED S167M
 RED S187M	 RED S187M
 YELLOW S916M	 YELLOW S916M
 YELLOW S920M	 YELLOW S920M
 YELLOW S922M	 YELLOW S922M

Mass tone	Reduction with Ti-pure R-706(1:5)
 YELLOW S931M	 YELLOW S931M
 YELLOW S932M	 YELLOW S932M
 BLACK S309M	 BLACK S309M
 BLACK S318M	 BLACK S318M
 BLACK S330M	 BLACK S330M
 BLACK S347M	 BLACK S347M
 BLACK S350M	 BLACK S350M
 BLACK S357M	 BLACK S357M
 BLACK S359M	 BLACK S359M

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Yipin Pigments Index No.	Grade	Purity	Water soluble	Oil absorption	Sludge residue on 45µm	PH	Moisture content	Tinting strength	Color difference	Density	Predominant Particle size		Hegman's Grading		Dispersal (mass/vol)	Particle shape
											D50 (µm)	D90 (µm)	ISO 704	ISO 1002		
		min. %	max. %	approx. g/100g	max. %	Range	max. %	Range %	delta E max.	approx. g/ml	approx. µm	min. %	max. %			
Red C.I.Pigment Red 101 C.I.77491	S110M	95.0	0.5	20.0	0.095	5.0-7.0	0.5	97.0-103.0	1.0	5.0	0.17	6.0	25			spherical
	S128M	95.0	0.3	20.0	0.095	5.0-7.0	0.5	97.0-103.0	1.0	5.0	0.17	6.0	25			
	S130M	95.0	0.5	20.0	0.095	5.0-7.0	0.5	97.0-103.0	1.0	5.0	0.17	6.0	25			
	S137M	95.0	0.3	20.0	0.095	5.0-7.0	0.5	97.0-103.0	1.0	5.0	0.17	6.0	25			
	S157M	95.0	0.3	20.0	0.095	5.0-7.0	0.5	97.0-103.0	1.0	5.0	0.17	6.0	25			
	S167M	95.0	0.3	20.0	0.095	5.0-7.0	0.5	97.0-103.0	1.0	5.0	0.17	6.0	25			
	S187M	95.0	0.3	20.0	0.095	5.0-7.0	0.5	97.0-103.0	1.0	5.0	0.17	6.0	25			
Yellow C.I.Pigment Yellow 42 C.I.77492	9916M	95.0	0.5	35.0	0.065	4.5-7.0	0.5	97.0-103.0	1.0	4.0	0.1x0.4	6.0	25			acicular
	9926M	95.0	0.5	35.0	0.065	4.5-7.0	0.5	97.0-103.0	1.0	4.0	0.1x0.4	6.0	25			
	9922M	80.0	0.5	35.0	0.065	4.5-7.0	0.5	97.0-103.0	1.0	4.0	0.1x0.4	6.0	25			
	9931M	85.0	0.5	35.0	0.065	4.5-7.0	0.5	97.0-103.0	1.0	4.0	0.1x0.4	6.0	25			
	9932M	85.0	0.5	35.0	0.065	4.5-7.0	0.5	97.0-103.0	1.0	4.0	0.1x0.4	6.0	25			
Black C.I.Pigment Black 11 C.I.77499	9306M	94.0	0.3	25.0	0.05	7.0-8.0	0.5	97.0-103.0	0.8	4.5	0.2	4.0	50			spherical
	9318M	94.0	0.5	25.0	0.05	7.0-8.0	0.5	97.0-103.0	0.8	4.5	0.2	4.0	50			
	9320M	94.0	0.5	25.0	0.05	7.0-8.0	0.5	97.0-103.0	0.8	4.5	0.2	4.0	50			
	9347M	94.0	0.3	25.0	0.05	7.0-8.0	0.5	97.0-103.0	0.8	4.5	0.2	4.0	50			
	9350M	94.0	0.3	25.0	0.05	7.0-8.0	0.5	97.0-103.0	0.8	4.5	0.2	4.0	50			
	9357M	94.0	0.5	25.0	0.05	7.0-8.0	0.5	97.0-103.0	0.8	4.5	0.2	4.0	50			

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