

⊕ TODA KOGYO ASIA (THAILAND) CO.,LTD.

Head Office : 73 Moo 9 Rojana Industrial Park , T.Thanu A.U-Thai Ayutthaya 13210

Tel : 035-352336-8 Fax : 035-352339

	Model	Fe ₂ O ₃ (%)	Oil Absorption (ml/100g)	Res. On 325 mesh (%)	Water Soluble Salts (%)	Moisture (%)	pH - Value	SO ₄ ²⁻ (%)	Bulk Density (g/ml)	Specific Gravity (g/ml)	Particle size by BET method μm	
Iron Oxide Red	Universal Grade	UR101	≥96	15-25	≤0.3	≤0.3	≤1.0	3-7	1.0	spherical	≤1.0	97-103
		UR110	≥96	15-25	≤0.3	≤0.3	≤1.0	3-7	1.0	spherical	≤1.0	97-103
		UR120	≥96	15-25	≤0.3	≤0.3	≤1.0	3-7	1.0	spherical	≤1.0	97-103
		UR130	≥96	15-25	≤0.3	≤0.3	≤1.0	3-7	1.0	spherical	≤1.0	97-103
		UR130A	≥96	15-25	≤0.3	≤0.3	≤1.0	3-7	1.0	spherical	≤1.0	97-103
		UR130R	≥96	15-25	≤0.3	≤0.3	≤1.0	3-7	1.1	spherical	≤1.0	97-103
		UR140	≥96	15-25	≤0.3	≤0.3	≤1.0	3-7	1.0	spherical	≤1.0	97-103
	Micronized Grade	UR180	≥96	15-25	≤0.3	≤0.3	≤1.0	3-7	1.1	spherical	≤1.0	97-103
		UR190	≥96	15-25	≤0.3	≤0.3	≤1.0	3-7	1.1	spherical	≤1.0	97-103
		3100RMC	≥96	15-25	≤0.008	≤0.6	≤1.0	4.5-7	1.0	spherical	≤1.0	97-103
		3110RMC	≥96	15-25	≤0.008	≤0.6	≤1.0	4.5-7	1.0	spherical	≤1.0	97-103
		3120RMC	≥96	15-25	≤0.008	≤0.6	≤1.0	4.5-7	1.0	spherical	≤1.0	97-103
		3124RMC	≥96	15-25	≤0.008	≤0.6	≤1.0	4.5-7	1.0	spherical	≤1.0	97-103
		3130RM	≥96	15-25	≤0.008	≤0.6	≤1.0	4.5-7	1.0	spherical	≤1.0	97-103
Iron Oxide Yellow	Universal Grade	3150RM	≥96	15-25	≤0.008	≤0.6	≤1.0	4.5-7	1.1	spherical	≤1.0	97-103
		1150EZ	≥96	15-25	≤0.008	≤0.6	≤1.0	4.5-7	1.1	spherical	≤1.0	97-103
		1850EZ	≥96	15-25	≤0.008	≤0.6	≤1.0	4.5-7	1.1	spherical	≤1.0	97-103
		UY311	≥86	25-35	≤0.3	≤0.3	≤1.0	3-7	0.5	Acicular	≤1.0	97-103
		UY810	≥86	25-35	≤0.3	≤0.3	≤1.0	3-7	0.5	Acicular	≤1.0	97-103
	Micronized Grade	UY313	≥86	25-35	≤0.3	≤0.3	≤1.0	3-7	0.6	Acicular	≤1.0	97-103
		UY920	≥86	25-35	≤0.3	≤0.3	≤1.0	3-7	0.6	Acicular	≤1.0	97-103
Iron Oxide Black	Universal Grade	UY585	≥86	25-35	≤0.3	≤0.3	≤1.0	3-7	0.6	Acicular	≤1.0	97-103
		UYCM313	≥86	25-35	≤0.3	≤0.3	≤1.0	3-7	0.9-1.0	Acicular	≤1.0	97-103
		4110YM	≥86	25-35	≤0.008	≤0.5	≤1.0	4.5-7	0.5	Acicular	≤1.0	97-103
		4120YM	≥86	25-35	≤0.008	≤0.5	≤1.0	5-8	0.6	Acicular	≤1.0	97-103
		4121YMOV	≥86	25-35	≤0.008	≤0.5	≤1.0	4.5-7	0.5	Acicular	≤1.0	97-103
		4420M	≥86	25-35	≤0.008	≤0.5	≤1.0	5-8	0.6	Acicular	≤1.0	97-103
		UB330	≥93	15-25	≤0.4	≤0.5	≤1.0	5-8	1.0	spherical	≤1.0	97-103
Universal Grade	UB750	≥93	15-25	≤0.4	≤0.5	≤1.0	5-8	1.0	spherical	≤1.0	97-103	
	UB318	≥93	15-25	≤0.4	≤0.5	≤1.0	5-8	1.0	spherical	≤1.0	97-103	
	UB330B	≥93	15-25	≤0.4	≤0.5	≤1.0	5-8	1.0	spherical	≤1.0	97-103	
	UB770	≥93	15-25	≤0.4	≤0.5	≤1.0	5-8	1.0	spherical	≤1.0	97-103	
	UB360	≥93	15-25	≤0.4	≤0.5	≤1.0	5-8	1.0	spherical	≤1.0	97-103	
	UB760	≥93	15-25	≤0.4	≤0.5	≤1.0	5-8	1.0	spherical	≤1.0	97-103	
	UB4370	≥93	15-25	≤0.4	≤0.5	≤1.0	5-8	1.0	spherical	≤1.0	97-103	

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Special Treatment Grade and Other Products												
Type	Fe ₂ O ₃ (%)	Oil absorption (g/100g)	Res. On 325 mesh (%)	Water Sol.Salts (%)	Moisture (%)	pH-value	Tamped Apparent Density g/cm ³	Particle Shape	Content			
									As ppm	Pb ppm	Hg ppm	
Low Heavy Metal Iron Oxide	300RMF	≥96	15-25	≤0.01	≤0.3	≤1.0	4.5-7	1.0	spherical	≤5	≤10	≤1
Low Heavy Metal Iron Oxide	400YMF	≥86	25-35	≤0.01	≤0.3	≤1.0	4.5-7	1.0	Acicular	≤5	≤10	≤1
Low Heavy Metal Iron Oxide	500BMF	≥93	15-25	≤0.01	≤0.3	≤1.0	5-8	1.0	spherical	≤5	≤10	≤1

Type	Fe ₂ O ₃ (%)	Oil absorption (g/100g)	Res. On 325 mesh (%)	Water Sol.Salts (%)	Moisture (%)	pH-value	Tamped Apparent Density g/cm ³	Particle Shape	ΔE Compared with STD.	Tinting strength (%)	
Heatstable Yellow	UPT15	≥82	25-35	≤0.3	≤0.5	≤1.5	5-7	0.5	Acicular	≤1.2	95-105
	UPT20	67-71	25-35	≤0.01	≤0.5	≤1.5	5-7	0.5	Acicular	≤1.2	95-105
	UPT420	≥82	25-35	≤0.3	≤0.5	≤1.5	5-7	0.5	Acicular	≤1.2	95-105
	UPT30T	≥67	25-35	≤0.05	≤1.0	≤1.0	5-7	1.0	Irregular	≤1.2	95-105
Heatstable Black	UPT303	75-85	15-25	≤0.1	≤1.0	≤1.0	7-May	1.0	Irregular	≤1.2	95-105
Heatstable Brown	UPT645	≥80	25-35	≤0.05	≤1.0	≤1.0	7-May	1.0	Irregular	≤1.2	95-105
Tabacco Grade Iron Oxide Yellow	578	≥86	25-35	≤0.1	≤0.5	≤1.0	3.5-7	0.5	Acicular	≤1.0	97-103
Chrome Oxide Green	GX	Cr ₂ O ₃ ≥ 99	10-25	≤0.3	≤0.3	≤1.0	5-8	1.0-1.3	-	≤1.0	97-103
	GN		10-25	≤0.3	≤0.3	≤1.0	5-8	1.0-1.3		≤1.0	97-103
Ultramarine Blue	462	-	25-45	≤1.5	≤0.5	≤1.0	7.5-10	0.5-0.9	-	≤1.0	95-105
	463		25-45	≤1.5	≤0.5	≤1.0	7.5-10	0.5-0.9		≤1.0	95-105
Iron Oxide Brown	UZ610	≥88	15-28	≤0.3	≤0.5	≤1.0	4-7	0.9	Irregular	≤1.0	97-103
	UZ663	≥88	15-28	≤0.3	≤0.5	≤1.0	4-7	1.0	Irregular	≤1.0	97-103
	UZ686	≥88	15-28	≤0.3	≤0.5	≤1.0	4-7	1.0	Irregular	≤1.0	97-103
	UZ6819	≥88	15-28	≤0.3	≤0.5	≤1.0	4-7	1.0	Irregular	≤1.0	97-103
Iron Oxide Orange	UC960	≥88	20-30	≤0.3	≤0.5	≤1.0	4-7	0.8	Irregular	≤1.0	97-103
	UC2040	≥88	20-30	≤0.3	≤0.5	≤1.0	4-7	0.8	Irregular	≤1.0	97-103
	UC960-2	≥88	20-30	≤0.3	≤0.5	≤1.0	4-7	0.8	Irregular	≤1.0	97-103
Compound Ferrite Green	UG835	-	25-35	≤0.5	≤2.5	≤1.0	≥6.0	1.0	Irregular	≤1.0	97-103
	UG5605	-	25-35	≤0.5	≤2.5	≤1.0	≥6.0	1.0	Irregular	≤1.0	97-103
	UG836	-	25-35	≤0.5	≤2.5	≤1.0	≥6.0	1.0	Irregular	≤1.0	97-103
	UG5607	-	25-35	≤0.5	≤2.5	≤1.0	≥6.0	1.0	Irregular	≤1.0	97-103
Compound Ferrite Blue	UL103	-	25-35	≤0.5	≤2.5	≤1.0	≥6.0	1.0	Irregular	≤1.0	97-103
	UL105	-	25-35	≤0.5	≤2.5	≤1.0	≥6.0	1.0	Irregular	≤1.0	97-103