

TECHNICAL SPECIFICATION OF IRON OXIDE

ITEM	GRADE	Fe ₂ O ₃ %	Acidity as H ₂ SO ₄ %	pH Value	Oil Absorption %	Bulk Density gm/ml	Specific Gravity gm/ml	Residue On 325 Mesh Sieve, % max	Silica & Alumina, % max	Water Soluble matter % max	Lime as CaO% max
SYNTHETIC IRON OXIDE YELLOW C.I. : 77492 Pigment: Yellow 42	CAT 835	86-88	0.01-0.05	5.5-6.5	60	0.23	3.80	0.50	0.20	0.50	0.01
	CAT 935	86-88	0.01-0.05	5.5-6.5	50	0.27	3.80	0.50	0.20	0.50	0.01
SYNTHETIC IRON OXIDE RED C.I.: 7491 Pigment: Red 101	CAT 130	96-98	0.01-0.05	5.5-6.5	65	0.30	4.00	0.50	0.20	0.50	0.01
	CAT 331	96-98	0.01-0.05	5.5-6.5	70	0.35	4.00	0.50	0.20	0.50	0.01
	CAT 235	96-98	0.01-0.05	5.5-6.5	75	0.40	4.00	0.50	0.20	0.50	0.01
	CAT PG3	96-98	0.01-0.05	5.5-6.5	80	0.45	4.00	0.50	0.20	0.50	0.01
	CAT 435	95-97	0.01-0.05	5.5-6.5	25	0.70	4.00	1.00	0.20	0.50	0.20
	CAT 433	95-97	0.01-0.05	5.5-6.5	18	1.00	5.00	1.00	0.20	0.50	0.20
	CAT 335	95-97	0.01-0.05	5.5-6.5	35	0.60	4.30	1.00	0.50	1.00	1.00
	CAT 425	95-97	0.01-0.05	5.5-6.5	25	0.65	4.50	1.00	0.50	1.00	1.00
SYNTHETIC IRON OXIDE BLACK C.I.77499 Pigment Black 11	CAT 1313	95-96	0.01 - 0.05	2 - 7	6.21	1.80	4.00	0.05	0.3	0.5	0.01