

TECHNICAL SPECIFICATIONS CHART

	GRADE	Fe ₂ O ₃ %	PH VALUE	OIL ABSORPTION %	TAMPED DENSITY GM/CM ³	DENSITY GM/CM ³	RESIDUE ON 325 MESH SIEVE (45 MICRONS) % MAX	SILICA AND ALUMINA % MAX	WATER SOLUBLE MATTER % MAX	LIME AS CAO % MAX	PARTICLE SHAPE	LOSS ON IGNITION, %
SYNTHETIC IRON OXIDE YELLOW C.I. : 77492 PIGMENT YELLOW 42	825	86-88	5.0-6.5	50-60	0.23	3.20	0.50	0.20	0.50	0.01	Acicular	≤12
	925	86-88	5.0-6.5	40-50	0.27	3.50	0.50	0.20	0.50	0.01	Acicular	≤12
	1125	86-88	5.0-6.5	35-45	0.30	3.80	0.50	0.20	0.50	0.01	Acicular	≤12
SYNTHETIC IRON OXIDE RED C.I. : 77491 PIGMENT RED 101	4960 Orange	90-92	5.0-6.5	30-40	0.32	3.80	0.50	0.20	0.50	0.01	Mixed	≤8
	110	96-98	5.0-6.5	60-70	0.30	3.50	0.50	0.20	0.50	0.01	Spherical	≤1
	120	96-98	5.0-6.5	55-65	0.35	3.50	0.50	0.20	0.50	0.01	Spherical	≤1
	301	96-98	5.0-6.5	55-65	0.40	4.00	0.50	0.20	0.50	0.01	Spherical	≤1
	225	96-98	5.0-6.5	50-60	0.45	4.00	0.50	0.20	0.50	0.01	Spherical	≤1
	PG	96-98	5.0-6.5	50-60	0.50	4.00	0.50	0.20	0.50	0.01	Spherical	≤1
	445	95-97	5.0-6.5	25-30	0.70	4.50	1.00	0.20	0.50	0.20	Spherical	≤1
	473	95-97	5.0-6.5	15-25	1.00	5.00	1.00	0.20	0.50	0.20	Spherical	≤1
	325	95-97	5.0-6.5	30-40	0.60	4.30	1.00	0.50	1.00	0.20	Mixed	≤1
	425	95-97	5.0-6.5	25-30	0.65	4.50	1.00	0.50	1.00	0.20	Mixed	≤1
1600	96-98	4.0-5.5	40-50	0.85	4.70	1.00	0.20	0.50	0.20	Mixed	≤2	