

### **TECHNICAL SPECIFICATIONS CHART**

	GRADE	Fe <sub>2</sub> O <sub>3</sub> (%)	PH VALUE OF AQUEOUS EXTRACT	OIL ABSORPTION %	TAMPED DENSITY (GM/CM <sup>3</sup> )	RESIDUE ON 325 MESH SIEVE 45 MICRONS (% MAX)	WATER SOLUBLE MATTER (% MAX)	PARTICLE SHAPE	LOSS ON IGNITION (%)	TINTING STRENGTH (%)
SYNTHETIC IRON OXIDE YELLOW	825	86-88	4.5-6.5	30-40	0.3-0.5	0.50	0.50	Acicular	≤12	95~105
	925	86-88	4.5-6.5	30-40	0.3-0.5	0.50	0.50	Acicular	≤12	95~105
SYNTHETIC IRON OXIDE ORANGE	4960	90-92	4.5-6.5	30-40	0.3-0.5	0.50	0.50	Mixed	≤8	95~105
	G4960	90-92	4.5-6.5	30-40	0.3-0.5	0.50	0.50	Mixed	≤8	95~105
SYNTHETIC IRON OXIDE RED	110	96-98	4.5-6.5	40-50	0.4-0.6	0.50	0.50	Spherical	≤1	95~105
	120	96-98	4.5-6.5	40-50	0.4-0.6	0.50	0.50	Spherical	≤1	95~105
	301	96-98	4.5-6.5	40-50	0.4-0.6	0.50	0.50	Spherical	≤1	95~105
	225	96-98	4.5-6.5	40-50	0.4-0.6	0.50	0.50	Spherical	≤1	95~105
	PG	96-98	4.5-6.5	40-50	0.4-0.6	0.50	0.50	Spherical	≤1	95~105
	445	95-97	4.5-6.5	15-25	0.6-0.8	1.00	0.50	Spherical	≤1	95~105
	473	95-97	4.5-6.5	15-25	0.6-0.8	1.00	0.50	Spherical	≤1	95~105
	446	95-97	4.5-6.5	15-25	0.6-0.8	1.00	0.50	Spherical	≤1	95~105
	449	95-97	4.5-6.5	10-20	0.6-0.8	1.00	0.50	Spherical	≤1	95~105
	325	96-98	4.5-6.5	15-25	0.6-0.8	1.00	0.50	Irregular	≤1	95~105
	425	96-98	4.5-6.5	15-25	0.6-0.8	1.00	0.50	Irregular	≤1	95~105
	1600	97-99	4.5-5.5	15-25	0.8-1.0	1.50	0.50	Irregular	≤1	95~105
	G100	96-98	3.5-7.0	15-25	0.9-1.1	0.30	0.40	Spherical	≤1	95~105
	G101	96-98	3.5-7.0	15-25	0.9-1.1	0.30	0.40	Spherical	≤1	95~105
	G110	96-98	3.5-7.0	15-25	0.9-1.1	0.30	0.40	Spherical	≤1	95~105
G130	96-98	3.5-7.0	15-25	0.9-1.1	0.30	0.40	Spherical	≤1	95~105	