

Technical Data Sheet

Hi-Bi	Grade	Fe ₂ O ₃ Content	Oil Absorption (ISO787/5g/100g)	Water-Soluble Salts (ISO787/8)	Lost on Ignition at 800°C	Pour Density (g/cm ³)	Particle Density (g/cm ³)	pH	Sieve Residue on 325 mesh	Colour Consistency (ΔE)	General Application
Red	R3Z	>99%	-	Max 1%	Max 1%	0.6 – 0.8	≈ 5.0	6 – 8	Coarse, 100 mesh only	<1.0	Pigment for high temperature processing products typically ceramics such as pottery waves, glazed tiles, etc.
	R3Zm	>99%	27 – 29	Max 1%	Max 1%	1.0 – 1.5	≈ 5.0	6 – 8	Max 0.5%	<1.0	Pigment for high temperature processing products typically ceramics such as pottery waves, glazed tiles, etc.
	R300	>96%	26 – 28	Max 1%	Max 1%	1.0 – 1.5	≈ 5.0	6 – 8	Max 0.5%	<1.0	Excellent ultra violet resistance pigment suitable for roofing tiles, paver bricks, paints, rubber, etc.
	R300m	>96%	23 – 25	Max 1%	Max 1%	1.0 – 1.5	≈ 5.0	6 – 8	Max 0.5%	<1.0	Excellent ultra violet resistance pigment suitable for roofing tiles, paver bricks, paints, rubber, etc.
Brown	BR300	>85%	26 – 28	Max 1%	-	0.8 – 1.3	≈ 4.5	6 – 8	Max 0.5%	<1.0	Excellent ultra violet resistance pigment suitable for roofing tiles, paver bricks, paints, rubber, etc.
	BR505a	>75%	26 – 28	Max 1%	-	0.6 – 1.1	≈ 4.0	6 – 8	Max 0.5%	<1.0	Excellent ultra violet resistance pigment suitable for roofing tiles, paver bricks, paints, rubber, etc.
Black	BL3Z	>99%	-	Max 1%	Max 1%	1.2 – 1.7	≈ 5.0	6 – 8	Coarse, 150 mesh only	<1.0	Pigment for high temperature processing products typically ceramics such as pottery waves, glazed tiles, etc.
	BL3Zm	>99%	22 – 24	Max 1%	Max 1%	1.2 – 1.7	≈ 5.0	6 – 8	Max 0.5%	<1.0	Pigment for high temperature processing products as well as for ambient temperature



											applications. It is also a super fine high purity magnetic powder.
	BL505	>92%	21 – 23	Max 1%	-	1 – 1.5	≈ 4.8	6 – 8	Max 0.5%	<1.0	Excellent ultra violet resistance pigment suitable for roofing tiles, paver bricks, paints, rubber, etc.
	BL355a	>75%	24 – 26	Max 1%	-	0.8 – 1.3	≈ 4.0	6 – 8	Max 0.5%	<1.0	Excellent ultra violet resistance pigment suitable for roofing tiles, paver bricks, paints, rubber, etc.
	BL318	>60%	27 – 29	Max 1%	-	0.5 – 1.0	≈ 3.5	6 – 8	Max 0.5%	<1.0	Excellent ultra violet resistance pigment suitable for roofing tiles, paver bricks, paints, rubber, etc.
Carbon Black	BLC1	>90% C	48 – 50	Max 1%	-	0.3 – 0.4	-	6 – 8	Ultra fine, 500 mesh only	<1.0	Carbon black for inks ad paints application.