

9X Minerals Co.,Ltd

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Products Brochure



*Professional
Barite Powder
Maker*



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Micronized barium sulfate

Product No	GH01	GH02	GH03	GH04	GH05
Specific Gravity	≥ 4.35	≥ 4.35	≥ 4.35	≥ 4.35	≥ 4.35
Particle size (μm)	D50 8.0±1.0 D97 ≤ 30	D50 5.5±0.5 D97 ≤ 15	D50 4.0±0.5 D97 10.0±2.0	D50 2.0±0.2 D97 7±0.5	D50 1.5±0.2 D97 4.5±0.5
Ba(+Sr)SO₄	≥ 96	≥ 96	≥ 96	≥ 97	≥ 97
SiO₂	≤ 1.5	≤ 1.5	≤ 1.5	≤ 1.5	≤ 1.5
Fe₂O₃	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5
Al₂O₃	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5
CaO	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5
Whiteness (R457)	85-92	85-92	85-92	85-93	85-93
Oil Absorption	9.0±1.0	10.0±1.0	10.5±1.0	11.5±1.0	12.5±1.0
PH Value PH	8.0±1.0	8.0±1.0	8.0±1.0	8.0±1.0	8.0±1.0
Heavy Metal	≤ 0.0002	≤ 0.0002	≤ 0.0002	≤ 0.0002	≤ 0.0002
Water Soluble Salts	≤ 0.2	≤ 0.2	≤ 0.2	≤ 0.2	≤ 0.2
Loss on Ignition	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5
Moisture	≤ 0.3	≤ 0.3	≤ 0.2	≤ 0.2	≤ 0.2
Residue Greater than 45μm	≤ 0.05	≤ 0.02	0	0	0
Packing	25kg/ paper bag or woven bag on pallet. Or according to the client's requirement				

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Barite lump & Chemical grade barite powder

	API Drilling Grade Barite Lump	API Drilling Grade Barite Powder	API Drilling Grade Barite Powder	Chemical Grade Barite Lump	Chemical Grade Barite Powder	Paint Grade Barite Lump	Paint Grade Barite Lump	Paint Grade Barite Lump
Specific Gravity	4.20 min	4.10 min	4.20 min	4.3min	4.3min	4.35~4.40	4.35~4.40	4.35~4.40
Size	0-200mm 90%min	200mesh	200mesh	0-150mm 90%min	200mesh~325meh	0~100mm	0~100mm	0~100mm
BaSO4	88% min	84% min	88% min	94%min	94%min	95%min	95%min	95%min
Whiteness (R 457)					60%min	88%min	90%min	92%min
Hg	1ppm max	1ppm max	1ppm max	1ppm max	1ppm max			
Cd	3ppm max	3ppm max	3ppm max	3ppm max	3ppm max			
Water Soluble Alkaline Earth Metals as Calcium	250 mg/kg max	250 mg/kg max	250 mg/kg max					
Extractable Carbonates	3000 mg/L max	3000 mg/L max	3000 mg/L max					
Residue greater than 75µm		3.0% max	3.0% max					
Moisture	1%max	0.5% max	0.5% max	1%max	0.3% max	1%max	1%max	1%max
SiO2				2% max	1.5% max	1%max	1%max	1%max
Fe2O3						≤0.02	≤0.02	≤0.02
Al2O3						≤0.02	≤0.02	≤0.02
CaO						≤0.5	≤0.5	≤0.5
Packing	In bulk	1T or 1.5T bag	1T or 1.5T bag	In bulk	50kg, 1T or 1.5T bag	In bulk	1T or 1.5T bag	1T or 1.5T bag