



HUANGHE MINERALS CO.,LIMITED
PRODUCTS SPECIFICATION
PRODUCT FUSED SPINEL

VERSION: 2006
CODE: M/P/QA
ORIGIN: CHINA / YIMA

Code	FSPIN-65A spinel Fuse Mgo-rich High purity Bayer Alumina based Spinel	FSPIN-70A spinel Fused Al2O3-rich	FSPIN-85A spinel Fused Al2O3-rich	FSPIN-90A spinel Fused Al2O3-rich	FSPIN-66 B spinel Fused Mg-rich Bauxite Spinel	FSPIN-70B spinel Fused Al2O3-rich
Chemical property						
Al2O3	63-68	71-77 (74.5)	81-87 (83.75)	88-92 (88.15)	60-65 (60.5)	70-75
SiO2	0.6	0.4 (0.25)	0.4 (0.20)	0.25 (0.15)	1.5 (1.5)	1.5
Fe2O3	0.3	0.4 (0.20)	0.4 (0.15)	0.4 (0.15)	0.6 (0.50)	0.6
R2O	Na2O=0.3	Na2O=0.3 (0.15)	Na2O=0.3 (0.20)	Na2O=0.4 (0.25)	Na2O=0.2 (0.10)	0.1
CaO	0.6	0.6 (0.30)	0.5 (0.20)	0.4 (0.15)	0.8 (0.75)	0.6
MgO	30-35	22-27 (24.5)	12-17 (15.50)	8-12 (11.05)	30-35 (35.0)	21-26
Physical property						
Refractoriness						
AP	3	5	5	5	5	3. 30
Particle BD	3.40 g/cc	3.30 g/cc	3.35g/cc	3.40g/cc	3.400g/cc	
Appearance	Grey	White/pink color	White color	White color	Brown-pink	
Mineralogy						
Spinel	Major	Major	Minor	Minor	Major	Major
Corundum		Minor	Major	Major		Minor
Periclase	Minor				Minor	
Size						
Size	grains like 0-1/1-3/3-6mm, 6x14mesh, 14x30mesh,-40mesh, apply ISO,ASTM, JIS,DIN standard, Raymond milled powder -200mesh, -300mesh					
Pack						
Pack	In 1mt bags / 25kg bags in big bag / 25kg bags on pallets shrink-wrapped					
Application						
Application	High Purity Fused Alumina-Rich Magnesia-Alumina Spinel grain (MgAl2O4) that is produced by the electric furnace co-fusion of high purity magnesia and Bayer process alumina, use in steel contact refractories to improve slag resistance.				This spinel is produced by fusion of high purity bauxite and magnesia. Applications for aluminum and magnesium-metal contact, steel contact applications, and in cement and lime kiln linings.	
Description						
Description	Fused Spinel is produced by the electric furnace fusion of alumina (Al2O3) and magnesium oxide (MgO) at temperatures in excess of 2200°C. Depending on the desired properties of the spinel, this material can be produced with varying degrees of MgO from alumina-rich to magnesia-rich. These spinels are excellent refractory materials that show high resistance to attack by slags and glass. a high purity alumina-rich spinel made with Bayer process alumina and high purity, a magnesia-rich spinel made with bauxite as the alumina source and high purity MgO					
Price						
Price	Cs /jd					