



HUANGHE MINERALS CO.,LIMITED
PRODUCTS SPECIFICATION
PRODUCT FUSED MAGNESITE

VERSION: 2006
CODE: T/QA
ORIGIN: CHINA /LN

Code	FM96	FM97	FM97.5	FM98	FM98.5 LC	FM99 LC
C/S ration	1:1	1:1	2:1	2:1	LC	2:1 LC
Chemical property						
MgO	96	97	97.5	98	98	98.5
SiO2	1.5	1.2	0.75	0.7	0.5	0.4
CaO	2.5	1.5	1.5	1.4	1.2	1.0
Fe2O3	1.2	1	0.75	0.75	0.5	0.4
Al2O3	0.5	0.5	0.5	0.5	0.3	0.2
BD	3.45	3.45	3.45	3.50	3.50	3.50
LOI	0.3	0.3	0.3	0.3	0.3	0.3
Physical property						
Natural size	0-30mm	0-30mm	0-30mm	0-30mm	0-30mm	0-30mm
AP						
Liner Expan						
Appearance	Brown	Brown /white	Brown	Brown	White	White
Mineralogy						
Major	Periclase	Periclase	Periclase	Periclase	Periclase	Periclase
Size	1. grains like 0-1/1-3/3-6mm, apply ISO, JIS, DIN, ASTM standard 2. Raymond milled powder -200mesh, -300mesh 3. kiln run size like 0-10mm, 0-60mm, 0-30mm					
Pack	In 1mt bags / 25kg bags in big bag / 25kg bags on pallets shrink-wrapped					
Application	Fused magnesite is an ideal aggregate with periclase as major phase which can be stable till 2800C melting point. It has good thermal conductivity at 1000C and good resistance to basic slag, high cold crushing strength and higher refractoriness. The C/S ration is very important factor for performance of the refractories, it is widely used for EAF gunning, bottom repair and also introduce chrome to make Mgo-Chrome bricks, Mgo-C bricks, which is classic application in modern refractory industries.					
Description	Fused Magnesite use selected higher grade raw magnesite mixed in right ratio to get the requested C/S ratio and fused in electric arc furnaces to get a dense brown color magnesite.			Large crystal use selected high grade caustic magnesite as raw materials, fused in electric furnaces in longer time to form and develop large crystal size till 1000micron in white color.		
Price						