

HUANGHE MINERALS CO.,LIMITED						Version: 2020				
PRODUCTS SPECIFICATION						Code: T/qa				
Product		Fused Magnesite				Origin: China /LN				

Code	FM96		FM97		FM97.5		FM98		FM98.5 LC	FM99 LC
C/S ration	1:1	2:1	1:1	2:1	2:1	LC	2:1	LC	2:1 LC	2:1 LC
Chemical property										
MgO	96	96	97	97	97.5	97.5	98	98	98.5	99
SiO2	1.5	1.1	1.2	0.7	0.6	0.55	0.5	0.4	0.4	0.2
CaO	2.5	2.2	1.5	1.4	1.2	1.1	1.2	1.0	1.0	0.5
Fe2O3	1.2	1.0	1	0.75	0.75	0.65	0.5	0.4	0.4	0.25
Al2O3	0.3		0.3		0.2		0.2	0.2	0.2	0.1
BD	3.40		3.45		3.50		3.50	3.50	3.50	3.50
LOI	0.3		0.3		0.3		0.3	0.3	0.3	0.15
Physical property										
Natural size	0-30mm		0-30mm		0-30mm		0-30mm		0-30mm	0-30mm
AP										
Liner Expan										
Appearance	Brown		Brown /white		Brown/White		Brown	White	White	White
Mineralogy										
Major	Periclase		Periclase		Periclase		Periclase		Periclase	Periclase
Size										
	<ol style="list-style-type: none"> 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.				

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