



**HUANGHE MINERALS CO.,LIMITED**  
**PRODUCTS SPECIFICATION**  
**PRODUCT FUSED BY PRODUCTS**

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

Code	BFA fines DCF	Condense Ferro-silicon	Fused Alumina Fume	Fused CaO-Al <sub>2</sub> O <sub>3</sub> SDF 1	SDF2	Fused mullite Pellet grains (sphere)
<b>Chemical</b>						
Al <sub>2</sub> O <sub>3</sub>	90	AL— 1%	88-90	37-42	39-43	74-78
Fe <sub>2</sub> O <sub>3</sub>	2	Fe—70-80%	1	1.5	2	1.5-1.8
SiO <sub>2</sub>	5	SI—14-18%	9	3	4	15-19
TiO <sub>2</sub>	2-5	Ti—2.5%	0.6	1.5	2	3.2-3.7
Na <sub>2</sub> O	0.3	P—0.5%				0.4
CaO	0.5	S—0.007%	0.4	49-54	46-52	0.4
MgO				2	2	0.1
T.C	1	C-0.7%	--			LOI—0.1
LOI						0.1-0.2
<b>Physical</b>						
BD		6-7g/cc				3.21-3.28
True density						3.3-3.35
AP						0.3-0.5
Melting point				1350	1350	1770C (refractory)
<b>Mineralogy</b>						
Corundum	Major			12CaO.7Al <sub>2</sub> O <sub>3</sub>		
Mullite	Minor					Mullite
Cristbolite						
<b>Size</b>						
Size	-150mesh (15-30um)	0-50mm	Super fine	1-25mm		1-3mm, 0.5-2mm, 0-0.5mm
<b>Grain shape</b>						
Grain shape	Cubic and blocky shape crushed by Barmac crusher/ Angular shape crushed by roller or cone crusher					
<b>Pack</b>						
Pack	1. In 1mt square super-sack 2. 25kg/50kg small bags in 1mt square super-sack / 25/50kg small bags on pallets wrapped.					
<b>Application</b>						
Application	High alumina rammed stuff	Metallurgical Foundry	Additives for castables.	Slag conditioning		High alumina Self-flow castables
<b>Description</b>						
Description	BFA fines DCF is from our dust collecting system for processing brown fused alumina Condense low silica ferr-silicon is from our tilting furnace bottom,build up from reduced impurities Fused calcium aluminate is fused from high quality lime and high grade bauxite Fused alumina fume is from our alumina fusing steam collection. Pelletized mullite is from fusing mullite hot liquid being high-pressure air blowing.					
<b>Price</b>						