

HUANGHE MINERALS CO.,LIMITED		Version: 2020
PRODUCTS SPECIFICATION		Code: M/P/qa
Product	Prime controlled DCF	Origin: China

Code	BFA DCF	WTA DCF	WFA DCF	SIC DCF		Fused mullite
	90	99	98.5	GS95	BS95	Sphere
Chemical						
Al2O3	90	99	98.5	SIC >95	SIC >95	74-78
Fe2O3	1	0.5	0.5	Fe2o3<0.5	Fe2o3<0.5	1.5-1.8
SiO2	5	0.2	0.3	SiO2<0.5	siO2<0.5	15-19
TiO2	2-5	Nil	Nil			3.2-3.7
Na2O	0.3	0.5	0.5			0.4
Cao	0.5					0.4
Mgo						0.1
Physical						
BD						3.21-3.28
True density	3.9	3.9	3.9	3.2	3.2	3.3-3.35
AP						0.3-0.5
Melting point	1950C	2000C	2000C	2500C	2500C	1770C (refractory)
Mineralogy						
Corundum	>95%	>98%	>98%	It is from SIC98 Jet milled DCF is super fines D50 is around 10 microns.		
Mullite	Minor					Mullite
Glass	Minor					
Size						
Size	-200emsh	-200mesh	-200mesh	-1200mesh		1-3mm, 0.5-2mm, 0-0.5mm
Pack	1. In 1mt square super-sack 2. 25kg/50kg small bags in 1mt square super-sack / 25/50kg small bags on pallets wrapped.					
Application	Alumina castable fines matrix Pre-casting shape, brick's finer part			Al2O3-SIC-C castable SIC self-flow castable Lower water adding, lower porosity increase flow.		High alumina Self-flow castable
Description	BFA fines DCF is from our dust collecting system for processing brown fused alumina. WTA fines DCF is from tabular alumina sizing and griding dust collecting system. WFA DCF is from white fused alumina grinding and sizing dust collecting system SIC is from SIC98 jet milled DCF collecting system. Pelletized mullite is from fusing mullite hot liquid being hig-pressure air blowing.					

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