

**HUANGHE MINERALS CO.,LIMITED****PRODUCTS SPECIFICATION****PRODUCT REFRACTORY ADDITIVES SERVICE****VERSION: 2006****CODE: M/P/QA****ORIGIN: CHINA /SY/ZJ/TJ/HN/JN**

Code	Silica Fume SIF AZ	SIF94	Pellet pitch	Chrome oxide CR2O3	Metallic powder M-Si	M-Al
Chemical						
Al2O3	0.5	1	FC—60%	Cr2O3>99	Si—97	AL—98
Fe2O3	0.25	0.7	Ash—0.2%	Fe2O3<0.03%	Fe—0.8	Cu—0.015
SiO2	92-94	92-94	S. Point—120C	P<0.005%	Al-0.7	Fe—0.2
TiO2	0.05	0.05	Toluene Insol.—22%	SO4<0.4%	Ca—0.6	Si—0.2
Na2O	0.01	0.5	Quinoline Insol—10%	Co<0.001%		
Cao	0.01	0.8	Size: 0.2-1mm	Cu<0.001%		
Mgo	0.01	0.5		Mn<0.001%		
T.C	Nil	2		LOI<0.3%		
LOI	0.88	4		H2O solv <0.5%		
ZrO2	3-5	Nil		SiO2<0.02%		
Physical						
PH	3-4	6-8		Oil absorb-15-25		PD 1.6g/cc
True density	2.28g/cc			PH 5-7		TD 2.7g/cc
Spec surface	9m2/g	18m2/g		Meting—2280C		109m2/kg
45u residue	1	4				
Appearance	White	Pale grey	Sphere shape	Green powder	Black-grey	Silver grey
Mineralogy						
Size	d50=1.5u	D50=1u	0.2-1mm	45u—99.5%pass	200mesh	200mesh
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	Refractory additive		Iron trough additive	Refractory additive	Refractory additive	
Description	<p>**Silica fume collected from ferr-alloy or other fusing process, sio2 impurities in high temperature being evaporated as fume forms the high reactive, aspheric amorphous, micron size materials.</p> <p>**Pellet pitch are being designed for iron trough castables for easy flowing purpose.</p> <p>**chrome oxide is additive for refractory to improve the anti-erotic, thermal shock resistance character.</p> <p>** Metallic Si and AL powder work as small additives to avoid oxidization and other purpose.</p>					
Price						