

HUANGHE MINERALS CO.,LIMITED		Version: 2020
PRODUCTS SPECIFICATION		Code: T/qa
Product	Stainless Steel Fiber / PP Fiber	Origin: China /HN

Code	330	310	304	446	430	Remark
Steel fiber for refractory service						
Chemical property						Product Type
Ni	33-37	18-22	8-12	0.7	0.7	Melt extract SS Fiber
Cr	14-17	22-27	17-20	23-27	1-18	Cold cutting SS Fiber
Mn	<1.5	<1.5	<1.5	<1.5	<1.5	Shearing SS Fiber
Si	<3	<3	<3	<3	<3	
C	<0.3	<0.3	<0.3	<0.3	<0.3	
Physical property						Size/Pack
Melting point C	1400-1420	1400-1450	1400-1420	1420-1500	1420-1500	0.2x1x(10-35) mm
Oxidized point C	1200	1100	1050	1200	820	0.5x2x(10-35mm)
Thermal coef (870C)	17.64x10 ⁻⁶	18.54x10 ⁻⁶	20.16x10 ⁻⁶	13.14x10 ⁻⁶	13.68x10 ⁻⁶	(25/35mm)
Tensile strength (870C) MPA	195	155	125	55	50	25KG carton box
Service temperature	1050C	1050C	870C	1150C	850C	<- Cyclic heating
Cycle/continue heat	1150C	1150C	950C	1100C	815C	<-Continuous service
Application	Iron/steel: 446 and 430 Power plant: 446/430 Petroleum refining: 310/304/446			Cement and bauxite kiln: 446/310 Non-ferrous: 446 Incinerator: 310/330		
Description	Melt the requested standard steel in electric furnaces, rotating extract the steel fiber. It has good micro-structure, coarse on surface, high hardness and tensile strength, it can hold refractory or another matrix tightly,					
Anti-crack PP fiber						
Code	PP 160	PP105	PP90	PP60		
Melting C +/-5C	160	105	90	60		
Soft shrink C	130	95	80	50		
Density g/cc	0.9	0.55	0.9	0.85		
Size L x Dia	3-5mmx 30um	3-5mm x 70um	3-5mm x 20um	3-5mm x 15micron		
Classification	Higher melting	Low melting	Water soluble	Water soluble		
Description	Widely applied on various kind of castable, iron trough, plastic ramming, gunning and pumping materials, easy disperse, low residue, during drying procedure, the fiber will shrink and create micro pore to release the steam easily to avoid cracking and blast during installation.					
Packing	As per requested					
Remark	Proposed dose will be 1-2 kg/ T					

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