

Product Specification Sheet

**Steel Fiber**

No. SMRP021-0

Other Names		Melting Drawing Steel Fiber, Stainless Steel Fiber				
Items/Grades		SF-430	SF-446	SF-304	SF-310	SF-330
Chemical Compositions (%)	C	<=0.20	<=0.20	<=0.15	<=0.20	<=0.20
	Si	<=1.5	<=1.5	<=1.5	<=1.5	<=1.5
	Mn	<=1.5	<=1.5	<=1.5	<=1.5	<=1.5
	Ni	<=0.70	<=0.70	8~12	19~22	33~37
	Cr	17~19	24~27	17~20	24~27	14~17
	P	<=0.04	<=0.04	<=0.04	<=0.04	<=0.04
	S	<=0.03	<=0.03	<=0.03	<=0.03	<=0.03
Shape	Crescent	Crescent	Crescent	Crescent	Crescent	
Melting Point ( °C)	1,425~1,510	1,425~1,510	1,400~1,425	1,400~1,450	1,400~1,425	
Flexibility Modulus at 870 °C (Mpa)	8.44	9.84	12.66	12.66	13.71	
Tensile Strength at 870 °C (Mpa)	48	54	127	155	197	
Thermal Expansion Rate 10 -6/ °C	13.68	13.14	20.16	18.58	17.64	
Thermal Conductivity @500 °C,w/m.k	26.3	24.4	21.5	18.7	21.6	
Bulk Density (g/cm ³)	8	8	7.8	7.5	8	
Max Service Temperature in SO2 ( °C)	800	1,025	800	1,050	-	
Size (thickness x width x length)	0.3 x 1 x 25 or 0.3 x 1 x 35 (in MM)					
Packing	20kgs in one carton by strong magnetic ordering, 1,000-1,250kg on one pallet, 20-25 metric tons in 1x20'FCL					
Photos for Reference						

*Siamatec*



Luoyang Siamatec Co., Ltd

[www.siamatec.com](http://www.siamatec.com)

1202, Guobao Building, 261 Kaiyuan Avenue, Luoyang 471026, China

Tel: +86-379-6333-8196/8 Fax: +86-379-6333-8197 Email: [siamatec@siamatec.com](mailto:siamatec@siamatec.com)