

Super Fecral Wire Mesh

Heanjia Super Metals Co., Ltd. supplies Super Fecral Wire Mesh; this product has much better properties than all other Fecral alloy Wires made in China. It is made with powder-metallurgical and dispersion-strengthened technique. This is the same technique that Kanthal wires were produced with. Basing on our experimental data, our super Fecral wire is better than Kanthal D wire and Kanthal A-1 wire on every aspect, such as the working temperature, anti-oxidization ability, plasticity, working life, etc. Though it is still not as good as Kanthal APM wire, but it is definitely a good choice for replacing Kanthal D and Kanthal A-1 wire considering its lower price.

To prove it, the best way is trying it yourself; we can provide free sample. This product has the potential to save you a lot of cost.

Super Fecral Wire Mesh Characteristic:

1. Low tendency to ageing and low resistance change
2. Excellent surface oxidization properties
3. Excellent for high temperature heating

Super Fecral Wire Mesh Chemical Composition:

	C %	Si %	Mn %	Cr %	Al %	Fe %
Min	-	-	-	22	-	Bal.
Max	0.04	0.4	0.4	24.5	5.8	

Super Fecral Wire Mesh Properties:

Density g/cm ³	Electrical resistivity at 20°C Ω mm ² /m	Poisson's ratio	Yield strength MPa	Tensile strength MPa	Elongation %	Accelerated life test (1350°C) (hours)	Melting point °C
7.10	1.4-1.5	0.30	470	650-800	>14%	>80	1500
Number of Bends	Max continuous operating temperature in air °C		Specific heat capacity kJ kg ⁻¹ K ⁻¹	Thermal conductivity W m ⁻¹ K ⁻¹	Coefficient of thermal expansion	Temperature factor of resistivity	Young's modulus
7-12	1400		0.46-0.80	11-35	11-16	1.0-1.04	130-220

Super Fecral Wire Mesh Available Specifications:

Wire Diameter: 0.08mm—5.0mm

Opening Size: 0.15mm-30mm

Mesh: 0.5mesh- 100mesh

Note: We can manufacture the mesh according to each customer's specification requirements.

