

STEEL FIBERS (ME 310)

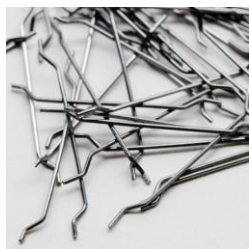
CHARACTERISTICS

Physical Characteristics	Specifications
Modulus of Elasticity (870°C)	125 (GPa)
Coefficient of Thermal Expansion (870°C)	18.5×10^{-6} (/°C)
Thermal Conductivity (540°C)	18 (W/m ² K)
Melting Temperature	1400-1455 (°C)
Tensile Strength (870°C)	152 (MPa)
Critical Oxidation Temperature (cycling heat)	1040 (°C)
Critical Oxidation Temperature (continuous service)	1150 (°C)

Chemical Characteristics	Specifications (%)
C	0.50
Si	3.50
Mn	2.00
P	0.05
S	0.10
Cr	24.0-26.0
Ni	19.0-22.0

Size: 25 mm, 35 mm

Note: The data is based on average results, so a slight variation in the values be observed.



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