

STEEL FIBERS (ME 304)

CHARACTERISTICS

Physical Characteristics	Specifications
Modulus of Elasticity (870°C)	124 (GPa)
Coefficient of Thermal Expansion (870°C)	20.2*10 ⁻⁶ (/°C)
Thermal Conductivity (540°C)	20.1 (W/m ² K)
Melting Temperature	1400-1455 (°C)
Tensile Strength (870°C)	124 (MPa)
Critical Oxidation Temperature (cycling heat)	870 (°C)
Critical Oxidation Temperature (continuous service)	900 (°C)

Chemical Characteristics	Specifications (%)
C	0.50
Si	3.50
Mn	2.00
P	0.05
S	0.10
Cr	18.0-20.0
Ni	8-12

Size: 25 mm, 35 mm

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

