AISI 317LMN Stainless Steel Rod

317LMN SS rod (UNS S31726, 4.0–5.0% Mo, 0.10–0.20% N, 620 MPa) for acid evaporators, chloride heat exchangers & FGD equipment — pitting resistance beyond 317L. **SKU:** 1000234165-group
Product Code: FP23-RD

Material Properties for Alloys

Mechanical Properties

Element	Value
Hardness - Brinell	~209
Elongation at break(%)	40
Modulus of elasticity(GPa)	193
Tensile strength(MPa)	620

Chemical Resistance

Element	Value
Electrical resistivity(µOhmcm)	85.1

Thermal Properties

Element	Value
Melting point(C)	1393-1443
Thermal conductivity(W m?¹ K?¹)	~15.1@100°C
Coefficient of thermal expansion(x10?? K?¹)	16.03@20-100°C

Physical Properties

Element	Value
Density(gcm?³)	8.03