

Nimonic 75 for ambient air tensile properties

Art. ID	BCR-661B
Unit	rod
Deliverydetails	No Dangerous Good /not restricted

Description

The material is Nimonic 75 nickel base alloy. It will be issued as one bar with about 500 mm long x 14 mm diameter. Certified values for tensile properties according to EN10002-1

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Ambient temperature tensile properties	0.2% Proof stress Rp0.2		300 ± 7	MPa	EN 10002-1	
Ambient temperature tensile properties	0.5% Proof stress Rp0.5		318 ± 7	MPa	EN 10002-1	
Ambient temperature tensile properties	Tensile strength Rm		750 ± 13	MPa	EN 10002-1	
Ambient temperature tensile properties	Elongation at fracture A		40.9 ± 0.9	%	EN 10002-1	
Ambient temperature tensile properties	Reduction in area at fracture Z		60 ± 4	%	EN 10002-1	