

Nimonic 90 | Alloy 90

Stop Niklu 90

Stop 90 to utwardzany wydzieleniowo stop odporny na pelzanie, przeznaczony do pracy w temperaturach do 920°C.

Specific Gravity																
8.19 g/cm ³																
Typical Applications								Related Specifications								
Turbine Blades Hot-Working Tools High Temperature Springs								BS 3 HR 2 ASTM B 637								
Chemical Composition (Wt %)																
	Ni	Cr	Fe	C	Mn	Si	Cu	Al	Ti	Co	S	B	Zr	Ag	Bi	Pb
Min		18.0						1.0	2.0	15						
Max		21.0	1.5	0.1	1.0	1.0	0.2	2.0	3.0	21.0	0.015	0.020	0.150	5 ppm	1 ppm	20 ppm
Typical Mechanical Properties																
0.2% Proof Stress												Tensile Strength	Elongation	Hardness		
MPA												MPA	%	HB		
695												1080	20	293		

General Enquiries

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