

Mill Test Report

订货单位 Buyer:

质保书号 Cert.No.

合同号
Contract No.

钢号 Steel Grade	17-4PH	技术条件 Specification		ASTM A564		规格 Size	Dia 6.5 X 2200 mm	
炉号 Heat NO	12H2-895	交货状态 Condition of delivery		solution + ageing		加工用途 Usage	切削	UC
产品名称 Name	圆 round bar	生产工艺 Technical specification		Cold drawn +polished				
交货重量 (Weight): 1.0980 t 支 (件) 数 (Number of Bars): 0 (1)								
化学成分 (%) chemical	试样编号 (Samp NO): 1							
	C: 0.06		Si: 0.36	Mn: 0.37		P: 0.026	S: 0.01	
	Cr: 15.52		Ni: 3.95	Cu: 3.11		Mo: 0.14	Nb: 0.17	
	Ti: 0.034							
热处理制度 heat treatment	Quenched (1020℃), cooling medium (oil) Tempered (480℃), cooling medium (air)							
机械性能 mechanical properties	试样编号 (Samp NO): 1# 测试温度 (℃): Room							
	抗拉强度Rm (tensile strength Rm): 1380MPa				屈服强度Rp0.2 (yield strength Rp0.2): 1220MPa			
	断后伸长率A (elongation): 12.0%				断面收缩率Z (reduction of area Z): 42.0%			
	冲击功AkV (charpy AkV):				试样硬度HRC (Hardness): 42			
	抗拉强度Rm (tensile strength Rm): 1350MPa				屈服强度Rp0.2 (yield strength Rp0.2): 1210MPa			
交货硬度 supply hardness	断后伸长率A (elongation): 12.0%				断面收缩率Z (reduction of area Z): 42.0%			
	冲击功AkV (charpy AkV):				试样硬度HRC (Hardness): 42			
	HRC: 41/42							
	低倍工艺 macroscopic examination	试样编号 (Samp NO): 1#						
横酸浸 (Transverse acid etching):			合格		偏析 (segregation): 0.5			
一般疏松 (Scattered porosity):			0.5		中心疏松 (Central porosity): 0.5			
夹杂 inclusion	试样编号 (Samp NO): 1#							
	A组 A heavy	A组 A Thin	B组 B heavy	B组 B Thin	C组 C heavy	C组 C Thin	D组 D heavy	D组 D Thin
高倍 high strength	晶粒度: (grain size)		铁素体 (晶重): (FN)					
其它 other	Surface & size is qualified							
备注 Remarks								

打印人 (Print):

判定人 (Judge):

日期 (Date): 2014-6-12