

Nitronic 60/UNS S21800光棒高性能媲美欧美支持第三方检测

产品名称	Nitronic 60/UNS S21800光棒高性能媲美欧美支持第三方检测
公司名称	上海蒙镍特种合金有限公司
价格	89.00/公斤
规格参数	品牌:monelalloy 品名:Nitronic 60 对应牌号:UNS S21800
公司地址	松江区泗泾镇泗砖路600号
联系电话	02137685099 13012889880

产品详情

Nitronic 60/UNS S21800

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化学成分:

合金	%	镍	铬	铁	碳	锰	硅	氮	磷	硫
	*小	8	16	59		7	3.5	0.08		
	*大	9	18	66	0.1	9	4.5	0.18	0.04	0.03

物理性能:

密度	8.0g/cm ³
熔点	1375

在常温下合金的机械性能的*小值:

状态	抗拉强度Rm N/mm ²	屈服强度RP0.2 N/mm ²	延伸率 A5 %	布氏硬度 HB
固熔态	690	380	35	241

特性：与含钴和高镍合金相比，不锈钢能以极低的成本实现抗腐蚀和耐磨损。其整体抗腐蚀性优于大多数介质中的 304 型。在中，抗氯化物点蚀的能力优于 316 型。室温下的屈服强度几乎是 304 和 316 的两倍。具有出色的抗高温氧化性和抗低温冲击性。应用领域：广泛应用于电力、化工、石化、食品

和油气工业，包括伸缩接头耐磨板、耐磨泵环、衬套、工艺阀杆、密封件和测井装备。

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Chemical composition:

Alloy % nickel chromium iron carbon manganese silicon nitrogen phosphorus sulfur

Minimum 8 16 59 7 3.5 0.08

Max 9 18 66 0.1 9 4.5 0.18 0.04 0.03

Physical performance:

The density of 8.0 g/cm³

Melting point is 1375

Minimum value of mechanical properties of alloy at room temperature:

State tensile strength Rm N/mm² yield strength RP0.2 N/mm² Elongation A5% Brinell hardness HB

Solid melting state 690 380 35 241

Features:

Corrosion and wear resistance can be achieved with stainless steel at very low cost compared to cobalt-containing and high-nickel alloys. Its overall corrosion resistance is better than that of type 304 in most media. The resistance to chloride pitting is better than that of type 316.

The yield strength at room temperature is almost twice that of 304 and 316. Excellent resistance to high temperature oxidation and low temperature impact.

Application areas:

Widely used in the power, chemical, petrochemical, food and oil and gas industries, including telescopic joint wear plates, wear pump rings, bushings, process stem, seals and logging equipment.