

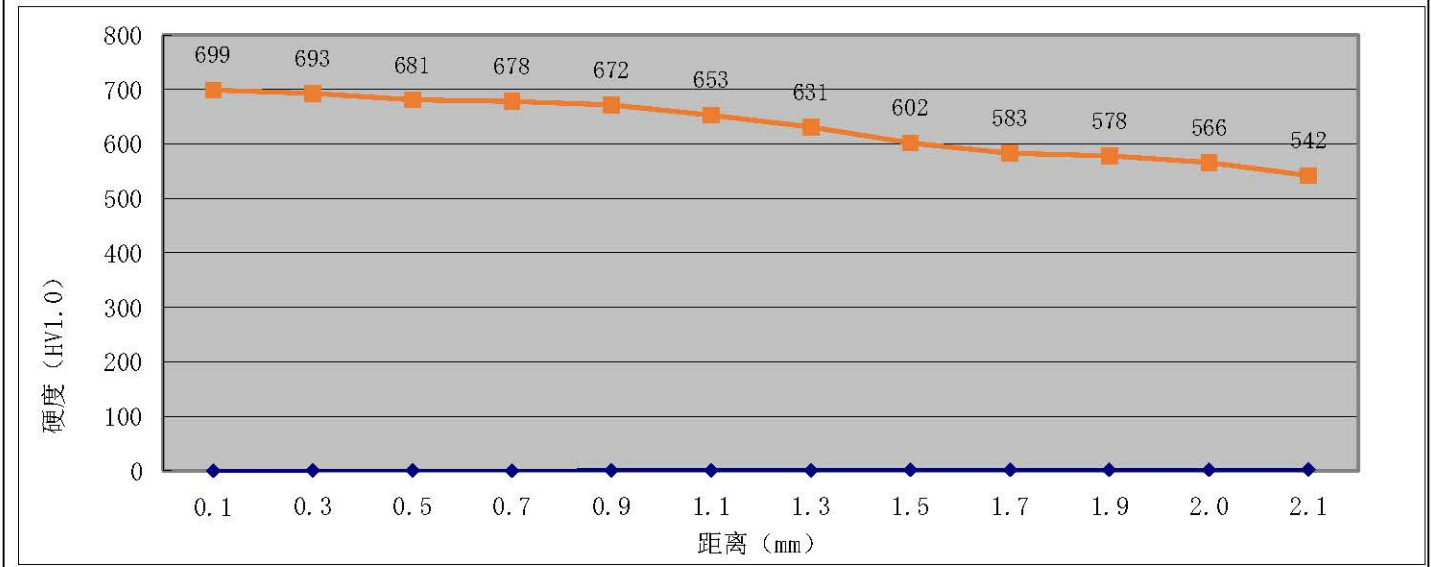
金相检测报告

Metallographic Testing Report

客户 Customer Name	上海碧珑 Shanghai Bilong	图号 Product drawing number	1069700-83	材料 Material grade	20Cr2Ni4A
数量 Number	5	热处理炉号 Heat treatment furnace number	25-01-C5-3-17A	热处理内容 Heat treatment content	渗碳淬火 Carburizing and quenching

状态 State	检测项目 Testing items	判断标准 Judgment criteria	实测结果 Actual measurement results
渗碳淬火 Carburizing and quenching	表面硬度 Surface Hardness	58HRC-62HRC	60.1
	芯部硬度 Core hardness	30HRC-42HRC	40.9
	层深 Layer depth	2.0-2.4mm	2.07
	马氏体 Martensite	≤4级 ≤ Level 4	3
	残留奥氏体 Retained austenite	≤4级 ≤ Level 4	2
	心部组织 Heart tissue	≤4级 ≤ Level 4	2

硬度梯度曲线图 Hardness gradient curve graph



检测结果 Detection result	合格 Qualified	检验员 Inspector	薛常勇 Xue Changyong	审核 Reviewer	陆浩 Lu Hao
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