

产品说明书 / Product Specification Sheet

产品名称 / Product Name:

ASTM A671 CC60 CL22 S2 焊接钢管 / Welded Steel Pipe

产品简介 / Product Overview:

本产品为基于 ASTM A671 标准制造的电弧焊钢管，母材采用压力容器板 ASTM A516 Gr.60，焊缝热处理等级为 CL22，附加低温冲击性能要求 S2。适用于火电、石化、天然气输送等对强度与韧性要求较高的场合。

This product is an electric-fusion-welded steel pipe manufactured under ASTM A671, using ASTM A516 Grade 60 pressure vessel plates. It is supplied in Class 22 with supplementary requirement S2 for low-temperature impact toughness. Suitable for high-pressure services in thermal power, petrochemical, and gas transmission industries.

技术参数表 / Technical Data Sheet

项目 / Item	参数 / Specification
执行标准 / Standard	ASTM A671
母材等级 / Base Material	ASTM A516 Gr.60
钢级 / Grade	CC60
等级 / Class	CL22 (焊缝热处理 PWHT+100% RT 射线检测)
附加要求 / Supplement	S2 (低温冲击试验)

尺寸 / Dimensions	外径 / OD: 1066.8 mm 壁厚 / WT: 12.7 mm
管型 / Pipe Type	埋弧焊 / SAW
屈服强度 / Yield Strength	≥ 240 MPa
抗拉强度 / Tensile Strength	415 – 550 MPa
延伸率 / Elongation	≥ 21%
冲击试验 / Impact Test	-45°C, Charpy V-Notch, 按 ASTM 要求执行
热处理 / Heat Treatment	N 正火或正火+回火（适用于母材与焊缝）
无损检测 / NDT	100% RT（Radiographic Testing）
应用领域 / Applications	火电主蒸汽管、石油天然气输送、LNG 储运、石化管道等 Main steam pipes for thermal power plants, oil and gas transportation, LNG storage and transportation, petrochemical pipelines, etc

包装与交付 / Packaging & Delivery

- 标准防腐涂油、管口坡口保护和支撑 Standard anti-corrosion oiling, pipe opening bevel protection and support
- 提供材质证明书（MTC）、射线检测报告、冲击试验报告等第三方检测文件 Provide third-party testing documents such as material Certificate (MTC), radiographic test report, impact test report, etc

联系方式 / Contact Info

如需获取详细报价、交货期及定制服务，请联系我们销售代表。我们可提供英文版全套质量文件、第三方见证、出口包装等服务。For detailed quotations, delivery dates and customized services, please contact our sales representative. We can provide a full set of quality documents in English, third-party witnessing, export packaging and other services.

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