Ferritic Piping Solutions

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FerroPipE

Seamless Pipes and Tubes

EN 10210-1 Grade S275NLH

CARBON STEEL

Hot finished structural hollow sections of non-alloy and fine grain structural steel

Material Description

EN 10210-1 Grade S275NLH Carbon Steel Seamless Pipes and Tubes are Low Carbon Steel Pipes and Tubes with max 0.20 % carbon content with combination of 0.50-1.40 % manganese.EN 10210-1 Grade S275NLH Carbon Steel Seamless Pipes and Tubes are also known as Also known as mild steel pipes and tubes.EN 10210-1 Grade S275NLH Pipes and Tubes are low-cost Pipes and Tubes easy to form and shape.These pipes are manufactured as per EN Specification and commercially referred as cs pipes or ms pipes.Low Carbon Steel Pipes are not as hard as hig carbon steel pipes,Though carburizing can increase its surface hardness.

Chemical Properties

Carbon	Silicon	Manganese	Phosphorous	Sulphur	Molybdenum	Nickel	Chromium	Copper	Other Elements
max 0.20	max 0.40	0.50-1.40	0.03	0.025	max 0.10	max 0.30	max 0.30	max 0.35	V max 0.05

Mechanical Properties

Yeild Stress (O.2% Offset)		Tensile Strength			Elongation
min MPa	min MPa	min MPa	max MPa	min ksi	A5 min
275	-	370	510	-	24

Production Programme

The diameter, tolerances and surface finish of component are the same as those stated for the full length tube.
Outer diameter: 6.25-1800mm Nominal Dia: 1/4"-72"
Schedule: 10 - XXS / Thk 1mm-150mm
Single random Lengths: 4-7 meters
Double random Lengths: 7-13 meters
Chamfering can be done at fixed lengths.
Pipes are externally varnished with black paint or Bare.
Hot deep Galvanised Pipes with threaded ends are provided.

Certifications

Pipes and Tubes manufactured as per EN 10210-1 Grade S275NLH are certified with En 10204 Type 3.1/3.2. IBR,NACE,HIC,IGC,IMPACT are adhered as supplementary testing requirements.

Product Marking

Each Pipe/tube is marked with tube type, heat number, steel grade and size. Other markings, such as stamping, can be made on request.

Reference Documents

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Related Keywords

Carbon Steel Pipe And Tube, Ferritic Steel Pipe And Tube, Carbon Steel Seamless Pipe And Tube, En 10210-1 Grade S275Nlh Seamless Pipe And Tube, S275Nlh Pipe And Tube, Seamless Steel Pipe And Tube, Ferritic Carbon Steel Pipe And Tube, En 10210-1 Seamless Pipe And Tube, Seamless Pipe and Tube, Steel Pipe and Tube

Equivalent Designation

European Standard EN 10210-1 Grade S275NLH	DIN Specification DIN 17124 Grade FGS 28 T
ASME Specification ASME SA 709 Grade 36 T	ASTM Specification ASTM A 709 Grade 36 T
British Standard BS 7191 Sect. 6 Grade 275 E	Japanese Standard -

Pipes Make: ISMT, MSL, JSL, TATA, BHUSHAN, JINDAL, SUMITOMO, TENARIS, ARCELOR MITTAL

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India's Largest Stockist & Dealers of Carbon Steel Pipes & Alloy Steel Pipes

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