Ferritic Piping Solutions

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FerroPipE

Seamless Pipes

EN 10253-2 Grade 16Mo3

ALLOY STEEL

Seamless steel tubes for manufacturing buttwelding fittings

Material Description

EN 10253-2 Grade 16Mo3 Alloy Steel Seamless Pipes are Carbon Steel Pipes with subsequent addition of chromium, molybdenum and sometimes vanadium are known as chrome moly Pipes.EN Specification alloy steel Pipes are used for high temperature service applications.Seamless Alloy Steel Pipes according to EN 10253-2 Grade 16Mo3 are reheated and furnished in full annlealed,isothermal annealed or normalised quenched and tempered condition.EN 10253-2 Grade 16Mo3 Alloy Steel Seamless Pipes have a typical chemistry with additions of max 0.30 Chromium and 0.25-0.35 Molybdenum.Bearing minimum tensile strength of 450 Mpa and maximum tensile strength 600 Mpa, EN 10253-2 Grade 16Mo3 Pipes have a minimum yield strength of 280 Mpa.

Chemical Properties

Carbon	Silicon	Manganese	Phosphorous	Sulphur	Molybdenum	Nickel	Chromium	Copper	Other Elements
0.12-0.20	max 0.35	0.40-0.90	0.03	0.025	0.25-0.35	min 0.30	max 0.30	max 0.30	-

Mechanical Properties

Yeild Stress (O.2% Offset)		Tensile Strength			Elongation
min MPa	min MPa	min MPa	max MPa	min ksi	A5 min
280	-	450	600	-	22

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 10253-2 Grade 16Mo3 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

Alloy Steel Pipe, Chrome Moly Pipe, Alloy Steel Seamless Pipe, En 10253-2 Grade 16Mo3 Seamless Pipe, 16Mo3 Pipe, Seamless Steel Pipe, Ferritic Alloy Steel Pipe, En 10253-2 Seamless Pipe, Seamless Pipe, Steel Pipe

Equivalent Designation

European Standard EN 10253-2 Grade 16Mo3	DIN Specification -
ASME Specification -	ASTM Specification -
British Standard -	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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