

ASTM A333 Grade 6 Pipe - Data Sheet

Mejor Steel, export sourcing for steel pipe and OCTG | <https://mejorsteel.com/get-a-quote/>

Supply range

Outside diameter 1/2 inch - 36 inch (12.7 - 914 mm)

Wall thickness SCH 10 - SCH XXS, or by wall thickness

Length SRL 5.8 m, DRL 11.8 m, or fixed length

Ends Plain end, beveled end, threaded and coupled

Surface treatment Black varnish, bare, rust preventive oil, 3PE or FBE on request

Manufacturing process Seamless, ERW, or welded

Heat treatment Normalized, fine grain

Delivery standard ASTM A333 / ASME SA333, dimensions to ASME B36.10M

Delivery condition Normalized; impact tested at the specified temperature

Inspection and documentation

Inspection Inspected by the producing mill's own inspection department, which is independent of production, against the delivery standard above. Third-party inspection - SGS, BV or TUV, or an inspector you send yourself - can be arranged at the mill or before shipment; give us the dates and the scope at the order stage.

Certificate A mill test certificate to EN 10204 3.1 showing the heat number, the chemical composition and the mechanical results is standard on every order. EN 10204 3.2, countersigned by the inspector you nominate, is available on request.

Documents with the goods The mill test certificate and the packing list travel with the shipment, and the heat number is traceable from cast through to the finished product.

Packing Sea-worthy export packing: bundled by size with end protection, corrosion protection on request, stencilled with the size, grade and heat number.

MOQ One bundle or one truckload; mixed sizes within a bundle accepted.

Lead time Counted from order confirmation, not from the enquiry. Stock sizes 7-15 days; mill run or non-stock 4-6 weeks. The delivery window is fixed on the quotation.

How we supply Sourced through partner mills; the producing mill is named on the quotation.

Chemical composition

Element	Requirement	Element	Requirement
Carbon, C	0.30 max	Silicon, Si	0.10 min
Manganese, Mn	0.29 - 1.06	Nickel, Ni	not required
Phosphorus, P	0.025 max	Chromium, Cr	no requirement
Sulphur, S	0.025 max	Molybdenum, Mo	no requirement

Mechanical properties

Grade	Tensile strength	Yield strength	Elongation	Impact test
A333 Grade 6	415 MPa min (60,000 psi)	240 MPa min (35,000 psi)	30% min	Charpy V-notch at -45 degrees C: 18 J average of three, 14 J single minimum

Source

Source: chemical composition requirements of ASTM A333 / ASME SA333, Table 1. The standard is the governing document.

Source: tensile requirements of ASTM A333 / ASME SA333, Table 1. The standard is the governing document.

The grade is accepted on three specimens: their average has to reach 18 J and no single value may fall below 14 J, all tested at minus 45 degrees C. Source: this page's mechanical property and impact requirement sections.

Page: <https://mejorsteel.com/standards/astm-a333-grade-6-pipe/> | The standard is the governing document. MOQ, lead time and price are confirmed on request.