

ASTM A283GrA, B, C, D steel plate/sheet for High Yield Steel

Key words: **A383GrA, B, C, D steel plate/sheet**, ASTM A283GrA, B, C, D steel plate/sheet, A383GrA, B, C, D steel plate/sheet supplier/Chinese supplier, A383GrA, B, C, D steel plate/sheet price, A383GrA, B, C, D steel plate/sheet mechanical property.

ASTM A283GrA, B, C, D steel chemical composition %:

Main chemical composition in ASTM A283GrA, B, C, D steel is carbon max 0.2, manganese max 1.40, phosphorus max 0.045, Sulphur max 0.045. More detailed information about **A283GrA, B, C, D steel**, please refer to the down table:

Chemical elements	C≤ 16mm max	C>16mm max	Si max	Mn max	P max.	S max.
%,by mass	0.17	0.20	--	1.40	0.045	0.045

ASTM A283GrA, B, C, D steel mechanical property:

A283GrA, B, C, D steel plate is one mainly of Carbon and low alloy steel, ASTM A 283 steel covers low and intermediate tensile strength carbon steel plates for general manufacturing and constructional applications. This material is normally supplied in the rimmed or semi-killed types of steel and is particularly suitable for the economical production of assemblies requiring a considerable amount of forming. Variations in low temperature impact properties are great and these steels are not recommended for those applications requiring low temperature notch toughness.

thickness	Yield Strength R_{eH} [N/mm ²] transv.min.	Tensile Strength R_m [N/mm ²] transv.	Fracture Elongation[%] transv. min.	Notch Impact Energy $1)Ch V$ complete sample longitud. min [J]
t ≤ 16mm t > 16mm	235 225			20 degree 27J
t < 3mm t ≥ 3mm		360-510 340-470		
Up to 1.5mm 1.51-2.00mm 2.01-2.50mm 2.51-2.99mm ≥ 3mm			16 17 18 19 24	

ICE steel is the professional Chinese steel exporter, especially in fin-grain structural steel. We keep 10000 tons ex-stock in our warehouse, and the MTC and sample of ASTM A283GrA, B, C, D steel are available, so if need, welcome to contact ICE steel sales team.

Ice steel — The most professional exporter on weathering resistant steel

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