

EN 10155 S355J2G2W; S355J2G2W steel; S355J2G2W steel plate; S355J2G2W steel grade; S355J2G2W steel supplier

S355J2G2W steel description

As a structural weathering steel, S355J2G2W steels have a super property. due to S355J2G2W steel chemical compositions, these steels exhibit increased resistance to atmospheric corrosion compared to other steels. This is because the S355J2G2W steel forms a protective layer on its surface under the influence of the weather.

S355J2G2W steel deliver condition

Hot Rolled, Cold Rolled, Normalized, Quenched, Tempering, Thermal Mechanical Control Process (TMCP), Electroslag Remelting Technical, HIC test.

S355J2G2W steel application range

S355J2G2W steel weathering steel has a widely use in Mine fans, earth moving buckets, trailers and large road vehicles, drill rings, cranes, excavators, underground mining equipment, bridges and other high strength components requiring superior toughness.

S355J2G2W steel chemical composition(%)

C	Si	Mn	P	S	Cu	Cr	Ni	V	Nb	Al
Max	Max	Max	Max	Max	Max	Max	Max	Max	Max	Min
0.16	0.50	0.50- 1.50	0.035	0.035	0.25- 0.55	0.40- 0.80	0.65	0.02- 0.12	0.015- 0.060	0.02

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S355J2G2W steel mechanical property

Thickness	Yield Strength ReH[N/mm2] transv.min	Tensile Strength Rm[N/mm2]trans v	Fracture Elongation[%]tra nsv. min.	Notch Impact Energy1)Ch Vcomplete samplelongitud. min [J]
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Henan BEBON international is an outstanding exporter and stockist in china, especially in Atmospheric Corrosion Resistant Steel, also named weathering steel. As our have a good relationship with per big steel mill, so we have S355J2G2W steel more than 10000 tons in stock. If you any need about S355J2G2W steel , whatever the specification, we also can meet your maximum request. More technology information, welcome to freely contact BEBON sales-team.

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