

SEW 087 WTSt 52-3; WTSt 52-3 steel; WTSt52-3 steel plate; WTSt 52-3 steel grade; WTSt 52-3 steel supplier

1. WTST 52-3 steel description

WTST 52-3 steel is a structural weathering steel which is also referred to as atmospheric corrosion resistant steel. WTST 52-3 steels have a super property. WTST 52-3 steel chemical composition can increase resistance to atmospheric corrosion compared to other steels. This is because it forms a protective layer on WTST 52-3 steel surface under the influence of the weather.

2. WTST 52-3 steel Application range

Due to the super property of WTSt 52-3 steel, WTSt 52-3 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.

3. WTSt 52-3 steel supply size

Thickness: 2mm to 460mm

Width: 1500mm to 3200mm

Length: 6000mm to 12000mm

(other plate sizes and thicknesses available on request)

4. WTSt 52-3 steel deliver condition

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

5. WTSt 52-3 steel chemical composition(%)

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

6. WTSt 52-3 steel mechanical property

Thickness	Yield Strength ReH[N/mm ²] transv.min	Tensile Strength Rm[N/mm ²]trans v	Fracture Elongation[%]tra nsv. min.	Notch Impact Energy ¹)Ch Vcomplete samplelongitud. min [J]
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As an outstanding exporter and stockist in china, especially in Atmospheric Corrosion Resistant Steel, Henan BEBON international co.,ltd enjoy a famous reputation in the global steel market. Due to we have a good and close relationship with per big steel mill, so if you have any need about WTSt 52-3 steel, we all can make you satisfied with our weathering steel. In addition, we have WTSt 52-3 steel more than 10000 tons per mouth in stock, so if you need. Pls don't hesitate to contact BEBON sales-team now.

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