

[EN10155 S235J2W S235J2WP steel plate/sheet for atmospheric corrosion resistance.](#)

Key words :

[S235J2W,S235J2WP steel plate/sheet](#), EN10155 S235J2W,S235J2WP steel plate/sheet, EN10155 S235J2W,S235J2WP steel plate/sheet for atmospheric corrosion resistance, S235J2W,S235J2WP carbon steel used for resisting atmospheric corrosion , EN10155 steel plate for atmospheric corrosion resistance,S235J2W,S235J2WP steel supplier /Chinese supplier, S235J2W,S235J2WP steel price...

Equivalent grade :

S235J2W,S235J2WP steel plate/sheet is in EN10155 standard. It's grade Number is 1.8961. The equal material of S235J2W,S235J2WP is: SEW087 WTST 37-3 , NFA 35-502 E24W4, UNI Fe360DK.

S235J2WP EN10155 Number:1.8961	SEW087	WTST 37-3
	NFA 35-502	E24W4
	UNI	Fe360 DK

[EN10155 S235J2W S235J2WP steel Chemical Composition % :](#)

Main chemical composition in [EN10155 S235J2W,S235J2WP steel](#) : Carbon: max 0.13 , Manganese from 0.2 to 0.6 , Silicon max 0.4 , Sulphur max 0.03, Phosphorus max 0.035, More detailed information, please refer to the flowing table:

C %	Mn %	Cr %	Si %	CEV %	S %
Max 0.13	0.2-0.6	0.4-0.8	Max 0.4	Max 0.44	Max 0.03
Cu %	P %				
0.25-0.55	Max 0.035				

EN10155 S235J2W S235J2WP steel Mechanical Properties

The tensile test values given in the table apply to longitudinal samples; in case of strip and sheet steel of widths of ≥600 mm they apply to transverse samples.

If S235J2W mechanical properties have been significantly modified by heavy coldforming, either stress relief annealing or normalised may be applied. Normalised should also be applied following hotforming outside of the temperature range of 750 - 1.050 °C and after overheating.

More detailed information about EN10155 S235J2W S235J2WP steel Mechanical Properties , please refer to the following table:

Grade	Min. Yield Strength Mpa						Tensile Strength MPa			Impact
S235J2W	Nominal Thickness (mm)						Nominal Thickness (mm)			degree J
Thick mm	≤16	>16	>40	>63	>80	>100	≤3	>3 ≤100	>100 ≤150	
		≤40	≤63	≤80	≤100	≤150				
S235J2W	235	225	215	215	215	195	360-510	360-510	350-500	-20 27

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