

**EN10025-2 [S355JR](#) Carbon Steel Plate**

Standard: EN10025-2

Grade: S355JR

Material number: 1.0045

Equivalent: [Q345B](#) in GB/T1591-2008,Q355B in GB/T1591-2018, S355B in ISO 630-2: 2011

EN S355JR steel plate is widely used for making freight cars, transmission towers,dump trucks, cranes, trailers, bull dozers, ex cavators, forestry machines, railway wagons and port equipment.

EN10025-2 S355JR Chemical Composition(max %)

Grade	C max.	Si max.	Mn max.	P max.	S max.	N max.	Cu max.
S355JR	0.24	0.55	1.60	0.035	0.035	0.012	0.55

EN10025-2 S355JR Carbon Steel Plate Mechanical Properties

Grade	Yield strength MPa in different thickness mm							
	≤16	16-40	40-63	63-80	80-100	100-150	150-200	200-250
S355JR	≥355	≥345	≥335	≥325	≥315	≥295	≥285	≥275

Tensile strength and elongation

Tensile strength MPa				Elongation % min.					
≤3	3-100	100-150	150-250	≤40	40-63	63-100	100-150	150-250	250-400
510-680	470-630	450-600	450-600	22	21	20	18	17	-

The below is the rolling size of EN10025-2 S355JR carbon and low alloy steel plate by katalor supplied

Thickness	1.2-600mm
Width	1220-4220mm
length	5000-18000mm

Delivery Condition: Hot rolled, CR, Normalized, Quenched.

Katalor is located in shanghai, China, with 15 years of export history. Every year a lot of customers of EN10025-2 S355JR steel plate come here to visit and give a high rating. We want to work with more steel importers of EN10025-2 S355JR steel plate to promote common development. If you are interested in our products please feel free to inquiry of EN10025-2 S355JR steel plate.



Shanghai Katalor Enterprises

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Shanghai Katalor Enterprises Co., Ltd located in Shanghai of China, is specialized in manufacturing and exporting steel and casting products. Based on the domestic rich product resources and professional research on the international market, Katalor's service has already spread to many countries in Europe, America, Southeast Asia, Middle East, South America, Africa, and so on.

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