



EN 10028-3 P355N / P355NH / P355NL1 / P355NL2 steel structure / steel work / steel machining parts

Katalor Enterprises is a big integrated steel stockist whose business is related to trade, processing, storage and transportation etc. Katalor Enterprises occupies a total area of more than 20,000 square meters for workshop and stock of 500,000 tons steel. It is specialized in producing and exporting P355N / P355NH / P355NL1 / P355NL2 steel work etc.

P355N / P355NH / P355NL1 / P355NL2 steel structure can be formed by P355N / P355NH / P355NL1 / P355NL2 steel plate. P355N / P355NH / P355NL1 / P355NL2 steel work are characterized by a minimum yield strength of 280-355 MPa and by good weldability, so P355N / P355NH / P355NL1 / P355NL2 steel machining parts are mainly used to for manufacturing boilers and pressure vessels.

For more information of P355N / P355NH / P355NL1 / P355NL2 steel plate, please check them in following:

EN 10028-3 P355N / P355NH / P355NL1 / P355NL2 Steel Work Chemical Composition

Steel grade	Chemical composition



St eel na m e	St eel nu m be r	C m ax	Si m ax	M n	P m ax	S m ax	Al(tot al) mi n	N m ax	Cr m ax	Cu m ax	M n m ax	Nb m ax	Ni m ax	Ti m ax	V m ax	Nb + Ti + V m ax
P3 55 N	1. 05 62	0. 18	0. 50	1. 10 - 1. 70	0. 02 5	0. 01 5	0. 02 0	0. 01 2	0. 30	0. 30	0. 08	0. 05	0. 50	0. 03	0. 10	0. 12
P3 55 N H	1. 05 65															
P3 55 NL 1	1. 05 66				0. 02 0	0. 01 0										
P3 55 NL 2	1. 11 06															

EN 10028-3 P355N / P355NH / P355NL1 / P355NL2 steel structure mechanical properties

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Steel grade		General delivery conditions	steel thickness t mm	yield strength ReH MPa min	Tensile strength MPa	After fracture Elongation A,% min	
Steel name	Steel number						
P355N	1.0562	Normalizing	≤16	355	490~630	22	
P355NH	1.0565		16<t≤40	345			
P355NL1	1.0566		40<t≤60	335			
P355NL2	1.1106		60<t≤100	315	470~610	21	
			100<t≤150	305			460~600
			150<t≤250	295			

P355N / P355NH / P355NL1 / P355NL2 steel structure Heat Treatment:

Annealing, Quenching, Tempering

P355N / P355NH / P355NL1 / P355NL2 steel structure Steel Services:

Cutting, Drilling, Bending, Beveling, Welding

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Shanghai Katalor Enterprises

ONCE BELIEVE, TRUST FOREVER!

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As a professional global steel work supplier, we promise we can offer you the qualified P355N / P355NH / P355NL1 / P355NL2 steel machining parts at the competitive price and rapid delivery time. We can produce according to customer's drawings. We keep many P355N / P355NH / P355NL1 / P355NL2 steel plates stock in our warehouse. So hereby, we sincerely hope you could join us. Let's get together to make you become the leader in your local steel market.

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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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