



ABS Grade E shipbuilding Steel plate

ABS Grade E shipbuilding Steel plate is a kind of hot rolled general tensile strength steel. The ABS Grade E shipbuilding Steel plate have yield strength of 34,100 psi (235 MPa), and ultimate tensile strength of 58,000 - 75,500 psi (400-520 MPa). ABS Grade E shipbuilding Steel plate come 4 grades in ordinary-strength steel for shipbuilding and grade E is the highest one of them.

The application of ABS Grade E shipbuilding Steel plate

ABS Grade E shipbuilding Steel plate are almost exclusively used in the Shipbuilding Industry for the construction of structural parts of ships, barges and marine equipment. ABS Grade E shipbuilding Steel plate also can be used for ship repairing, the offshore oil drilling platform, the platform pipe joints and other components. The grade E steel is certified by ABS – American Bureau of Shipping.

ABS GRAD E general Strength Chemical Composition						
Grade	The Element Max (%)					
	C	Si	Mn	P	S	N
ABS GRADE E	0.18	0.1-0.35	0.70	0.035	0.035	0.02

Crack Sensitivity: $P_{cm} = (C+Si/30+Mn/20+Cu/20+Ni/60+Cr/20+Mo/15+V/10+5B)\%$

Carbon Equivalent: $C_{eq} = \left[\frac{C+Mn}{6} + \frac{(Cr+Mo+V)}{5} + \frac{(Ni+Cu)}{15} \right] \%$

ABS GRAD E general strength property							
Grade	Thickness	Mechanical Property			Charpy V Impact Test		
		Yield	Tensile	Elongation	Degree	Energy 1	Energy 2
ABS GRADE E	mm	Min Mpa	Mpa	Min %	-40	J	J
	$t \leq 50$	235	400-520	22%		20	27
	$50 < t \leq 70$	235	400-520	22%		24	34
	$70 < t \leq 100$	235	400-520	22%		27	41

Note: Energy 1 is transverse impact test, Energy 2 is longitudinal

Office Address: Room 301, Unit 6, lane 2500, xiupu Road, Kangqiao Industrial Area, Pudong New District, Shanghai



Shanghai Katalor Enterprises
ONCE BELIEVE, TRUST FOREVER!

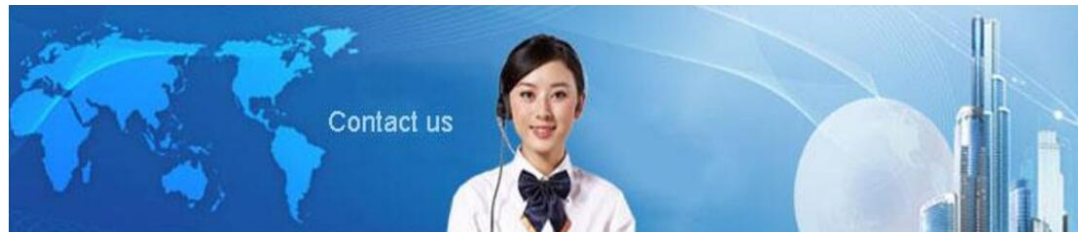
Email: info@katalor.com

Rolling Size of ABS Grade E shipbuilding Steel plate

Thickness	3-150mm
Width	1220-4200mm
Length	5000-18000mm

Notes: coil thickness \leq 25mm

Shanghai Katalor Enterprises Co., Ltd is a standard company specialized in producing and exporting ABS Grade E shipbuilding Steel plate. We have our own ABS Grade E shipbuilding Steel plate factory and if you need the ABS Grade E shipbuilding Steel plate, we can manufacture for you. If you need the competitive ABS Grade E shipbuilding Steel plate price, please don't hesitate to contact with our sales person.



specialized in manufacturing and exporting steel and casting product. Based on the domestic rich product resources and professional research on international market, Katalor's service has already spread many countries in Europe, America, Southeast Asia, Middle East, South America, Africa, and so on.

Contact US:

Phone: 0086-18317160019

TEL: 0086-21-61182423

Fax: 0086-21-61182425

E-mail: info@katalor.com

Skype: shanghai.katalor

Office Address: Room 301, Unit 6, lane 2500, xiupu Road, Kangqiao Industrial

Area, Pudong New District, Shanghai



Shanghai Katalor Enterprises
ONCE BELIEVE, TRUST FOREVER!

Email: info@katalor.com

Address : Room 301, Unit 6, lane 2500, xiupu Road, Kangqiao Industrial Area, Pudong New District, Shanghai

Office Address: Room 301, Unit 6, lane 2500, xiupu Road, Kangqiao Industrial Area, Pudong New District, Shanghai