



ABS grade A shipping steel plate

ABS Grade A shipping steel plate with good toughness properties, higher strength. ABS grade A shipping steel plate are mainly used to contribute hull of ships and vessels in low temperature oceans. All of Katalor stock is the high quality ABS grade A shipping steel plate. And Katalor has a large number of stocks. We cooperate with many companies and factories from all over the world.

ABS grade A shipping steel plate work Strength Chemical Composition Analysis:

ABS grade A General Strength Chemical Composition						
Grade	The Element Max(%)					
	C	Si	Mn	P	S	N
ABS grade A	0.21	0.50	2.5*C	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:  $C_{eq} = [C + Mn/6 + (Cr + Mo + V)/5 + (Ni + Cu)/15] \%$

ABS GRADE A steel plate work Strength Property Analysis:

Grade	Thickness	Mechanical Property			Charpy V Impact Test		
		Yield	Tensile	Elongation	Degree	Energy 1	Energy 2
ABS GRADE A	mm	Min Mpa	Mpa	Min%	20	J	J
	$t \leq 50$	235	400-520	18%		-	-
	$50 < t \leq 70$	235	400-520	18%		24	34
	$70 < t \leq 100$	235	400-520	18%		27	41
Note: Energy 1 is transverse impact test, Energy 2 is longitudinal							

Equivalent steel grade of ABS GRADE A							
DNV	GL	LA	LR	BV	CCS	KR	RINA
NVA	GL-A	LR/A	LR-A	BV/A	CCS/A	KA	RI/A

Katalor keeps more than 10,000 tons hot rolled and cold rolled ABS Grade A steel plate in stock each month. We can meet our customer's any quantity request. Based on these stock source, our advantage industry spread into steel process like : cutting ( any size and any shape ) drilling, welding, milling, machining and steel structure.

We also have a high quality logistics team who make sure the fast delivery time and shipment. Anyway, if you want to find ABS Grade A steel plate exporter, please contact Katalor sales team. We will give you the ABS Grade A steel plate good quality and best

**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  
Tel: 0086-21-61182423

service from us.



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

**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