



ABS AH40 shipbuilding Steel plate

Katalor is one of the best suppliers of ABS AH40 shipbuilding Steel plate with mang years history. We have set up long reallionhsip with many users of ABS AH40 shipbuilding Steel plate.

The application of ABS AH40 shipbuilding Steel plate

ABS AH40 shipbuilding Steel plate mainly used to Shipbuilding Project and Ocean Offshore Structural Project.

ABS AH40 shipbuilding Steel plate Chemical Composition

AB/AH40 high Strength Chemical Composition							
Grade	The Element Max (%)						
	C	Si	Mn	P	S	Al	N
AB/AH40	0.18	0.1-0.50	0.90-1.6	0.035	0.035	0.015	
	Nb	V	Ti	Cu	Cr	Ni	Mo
	0.02-0.05	0.05-0.10	0.02	0.35	0.2	0.4	0.08

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

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

ABS AH40 shipbuilding Steel plate Mechanical Property

AB/AH40 high strength property							
Grade	Thickness	Mechanical Property			Charpy V Impact Test		
		Yield	Tensile	Elongation	Degree	Energy 1	Energy 2
AB/AH40	mm	Min Mpa	Mpa	Min %	0	J	J
	$t \leq 50$	390	510-650	20%		26	39
	$50 < t \leq 70$	390	510-650	20%		31	46
	$70 < t \leq 100$	390	510-650	20%		37	55

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

Rolling Size of ABS FH36 shipbuilding Steel plate

Thickness	3-150mm
Width	1220-4200mm

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Length	5000-18000mm
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Notes: coil thickness  $\leq$  25mm

Katalor is specialized at super thick ABS FH36 shipbuilding Steel plate which beyond nine classification society approval. We have cooperated with LR, DNV, CCS, ABS, BV, GL, NK, KR, and RINA to do the third party inspection to promise quality for our customers in many years.

Katalor Enterprises has established a full set of strict quality control system, advanced manufacturing technics and equipments about ABS FH36 shipbuilding Steel plate. As a ABS FH36 shipbuilding Steel plate stockist and supplier, if you have any demand of ABS FH36 shipbuilding Steel plate price, please do not hesitate to contact 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:

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