



宇 盛 钢 铁 有 限 公 司

YUSHENG IRON AND STEEL CO.,LTD

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BV A is the best common strength shipbuilding steel plates which shall be intend for building hull structure and vessel maintain in daily.

**BUREAU
VERITAS**

According to BV standard.

Associated Grades:BV A | BV B | BV D | BV E | BV AH32 | BV AH36 | BV AH40 | BV DH32 | BV DH36 | BV DH40 | BV EH32 | BV EH36 | BV EH40 | BV FH32 | BV FH36 | BV FH40

Property Data:

BV					
Grade	T: 8-600MM	BV A	BV B	BV D	BV E
Chemical Composition % ≤	C	0.21	0.21	0.21	0.18
	Mn(≥)	2.5*C	0.80	0.60	0.70
	P	0.035	0.035	0.035	0.035
	S	0.035	0.035	0.035	0.035
	Si	0.50	0.35	0.10- 0.35	0.10- 0.35
	Al (acid)	0.035	0.035	0.035	0.035
Mechanical Property ≥	Yield Strength (Mpa)	235	235	235	235
	Tensile Strength (Mpa)	400-520	400-520	400-520	400-520
Impacting Test temperature (°C)		20	0	-20	-40
Mark		BV/A	BV/B	BV/D	BV/E

H:Heat Analysis. P:Product Analysis

NOTE: The main difference among Grade A, B, D, E is the temperature of impacting test, BV Grade D owned the lowest degree C which can be used in the deep ocean water.

ADD: East Area, 25th Floor, Y.H. International Plaza, Zhengzhou City, Henan province in China.