



宇盛钢铁有限公司

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A516/A516M Standard Specification for

Pressure Vessel Plates, Carbon Steel, for Moderate- and Lower-Temperature Service'

Relative Grades: ASTM

A516Gr55|A516Gr60|A516Gr65|[A516Gr70](#)|ASME

SA516Gr55|SA516Gr60| SA516Gr65| SA516Gr70

Property Data:

A516Gr60/SA516Gr60							
Chemical Composition % ≤						Mechanical Property	
T mm	C	Mn	P	S	Si	Tensile (Mpa)	Yield (Mpa) ≥
≤12.5	0.21	H:0.85-1.20	0.035	0.035	H:0.15-0.40	415-550	415
12.5-50	0.23	P:0.79-1.30			P: 0.13-0.45		
50-100	0.25						
100-200	0.27						
≥200	0.27						

H:Heat Analysis. P:Product Analysis

NOTE: These grades are the relevant in both ASME and ASTM standard.Such as ASTM [A516Gr60](#) is equal to ASME SA516Gr60,including chemical composition and mechanical property.

Generally,the delivery condition shall be As rolled,as per the special needs from boiler builders,we can roll the plates under Normalized and HIC,such as A516Gr70+N,A516Gr70+HIC,ETC.

SUPPLEMENTARY REQUIREMENTS

- S1. Vacuum Treatment
- S2. Product Analysis
- S3. Simulated Post-Weld Heat Treatment
- S4.1 Additional Tension Test
- S5.Charpy V-Notch Impact Test
- S6.Drop Weight Test
- S7.High-Temperature Tension Test
- S8. Ultrasonic Examination in accordance with - A 435/A 435M
- S9.Magnetic Particle Examination
- S11.Ultrasonic Examination in accordance with A 577/A 577M
- S12.Ultrasonic Examination in accordance with A 578/A 578M
- S17. Vacuum Carbon-Deoxidized Steel

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