

Shipbuilding plates



Quality	DH36
Standard	Acc. to the rules of shipbuilding classification
Certification	3.2 EN10204
Heattreatment	Normalized / As rolled / Thermomechanically rolled

Mechanical properties

Thickness in mm	Min. Yield (Mpa)	Min. Yield Rp 0,2 (Mpa)	Tensile strength (Mpa)	Min. Elongation (%)	Min. Impact Energy (KV J longitudinal/transverse) -20°
<= 50	355		490-620	21	34/24
> 50 <= 70	355		490-620	21	41/27
>70 <=100	355		490-620	21	50/34

Chemical composition

C max.	Mn max.	P max.	S max.	Si max.	Al max.	Ti max.	Nb max.	V max.	Ni max.	Cu max.	Mo max.	N max.
0.180	0,90 - 1,60	0.035	0.035	0.500	0.015	0.020	0,02 - 0,05	0,05 - 0,10	0.40	0.35	0.08	0.08

