



Jiangyou Hacer Technology Co., Ltd.

Steel Grade: E295 Material No: 1.0050 Equal Germany DIN: St50-2 Deoxidation Degree: N							
Thickness/mm: — Deoxidation Degree: N							
CHEMICAL COMPOSITION							
C(%)	Si(%)	Mn(%)	P(%)	S(%)	Other(%)		
—	—	—	0.045	0.045	N ≤ 0.009		
MECHANICAL PROPERTIES							
Yield Strength $\sigma_{0.2}$ /Mpa							
≤ 16mm	16-40mm	40-63mm	63-80mm	80-100mm	100-150mm	150-200mm	200-250mm
295	285	275	265	255	245	235	225
Tensile Strength σ_b /Mpa				Ballistic Temperature(°C)	Ballistic $a_{kv} \geq (J/cm^2)$		
≤ 3mm	3-100mm	100-150mm	150-200mm		10-150mm	150-250mm	
490~660	470~610	450~610	440~610	—/—	—/—	—/—	
Test Sample(L/T)	Extensibility δ (%)						
	3-40mm	40-63mm	63-100mm	100-150mm	150-250mm		
L/T	20/18	19/17	18/16	16/15	15/14		

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