



Jiangyou Hacer Technology Co., Ltd.

Steel Grade: S235JRG2 Material No: 1.0038 Equal Germany DIN: RSt37-2 Deoxidation Degree: N							
Thickness/mm: ≤40 Deoxidation Degree: N							
CHEMICAL COMPOSITION							
C(%)	Si(%)	Mn(%)	P(%)	S(%)	Other(%)		
0.17	—	1.4	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
235	225	215	215	215	195	185	175
Tensile Strength σ_b /Mpa				Ballistic Temperature(°C)	Ballistic $ak_v \geq (J/cm^2)$		
≤3mm	3-100mm	100-150mm	150-200mm		10-150mm	150-250mm	
360~510	340~470	340~470	320~470	20/20	27/27	23/23	
Test Sample(L/T)	Extensibility δ (%)						
	3-40mm	40-63mm	63-100mm	100-150mm	150-250mm		
L/T	26/24	25/23	24/22	22/22	21/21		

From: Jiangyou Hacer Technology Co., Limited
 Factory Add: Jiangzhang Road, Jiangyou City, SC, China
 Website: <http://www.jhacer.com/>
 Email: sales@jhacer.com
 Phone: +86-(0)816-3260757
 Call: +86-13658128897
 Fax: +86-(0)816-3260757