

3.1 EN 10204:2004

Product Steel bar Product delivery condition As rolled Steelgrade S235JR	Specification EN10025-2	Order 354200 Customer's Order No. 0045892950 Customer specification no.	Customer Tibnor AB Box 600 16926 SOLNA SE	3
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Order Pos 70 Dim 120,00 x 15,00 x 6000

Tensile Test

Cast Number	State	Heattreat temperature		Test temp C	Yield Str Re N/mm2			Tensile Str Rm N/mm2			Elongation A5 %		
		1	2		min	actual	max	min	actual	max	min	actual	max
0-0491	As rolled			20	235	295		360	418	510	26	35	

Order Pos 80 Dim 120,00 x 20,00 x 6000

Tensile Test

Cast Number	State	Heattreat temperature		Test temp C	Yield Str Re N/mm2			Tensile Str Rm N/mm2			Elongation A5 %		
		1	2		min	actual	max	min	actual	max	min	actual	max
0-0311	As rolled			20	225	289		360	427	510	26	38	

CAST ANALYSIS %

Cast	C	Si	Mn	P	S	Cr	Ni	Mo	Cu	N	ECS					
[min]																
[max]	0.17		1.40	0.040	0.040				0.55	0.0120						
0-0491	0.07	0.20	0.51	0.011	0.013	0.13	0.12	0.04	0.20	0.0098	0.21					
0-0311	0.10	0.21	0.51	0.014	0.021	0.17	0.19	0.04	0.19	0.0118	0.25					

Boxholm	13-04-22	Ulla Hjartkvist	QA	This certificate was computer generated
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