



**Declaration of Performance**  
(according to Regulation EU No 305/2011)

Unique ID code: No: TSNL S235JR  
 Product type: Strip S235JR/ 1.0038  
 Harmonised standard: according to EN 10025-1 : 2004  
 Intended Use: To be used in-welded, bolted and riveted structures  
 Manufacturer: Tata Steel IJmuiden B.V.  
 Wenckebachstraat 1  
 1951 JZ Velsen-Noord  
 The Netherlands  
 Tel: +31 251 49111  
 Website: www.tatasteelnederland.com  
 Representative System of AVCP: Not applicable  
 System of assessment and verification of constancy performance of the product: System 2+

NOBO: Notified Body LRQA Nederland B.V No. 0343 performed the initial inspection of the manufacturing plant and of the factory production control, the continuous surveillance assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control.

Declaration and signature: The performance of the product identified above is in conformity with the set of declared performances. This declaration is issued in accordance with Regulation EU No 305/2011 under the sole responsibility of Tata Steel IJmuiden B.V.  
 Signed for on behalf of the manufacturer by:

**Carel Kleemans** Date: Dec 2024  
 Technical Director, Strip Products  
 Tata Steel IJmuiden BV.

Declared Performance

Essential characteristic	Performance		Harmonised technical specification	
Tolerances on dimension and shape	Dimensions		EN 10051	
	Flatness		EN 10051	
Yield strength (transverse)	Nominal thickness (mm)		Values Min (Mpa)	
	>	<=		
	0,8	16	235	
Tensile strength (transverse)	Nominal thickness (mm)		Values (Mpa)	
	>	<=	min	max
	0,8	25	360	510
Elongation (transverse)	Nominal thickness (mm)		Values min (% 80 mm)	
	> 0,8	<= 1	15	
	> 1	<= 1,5	16	
	> 1,5	<= 2	17	
	> 2	<= 2,5	18	
Impact Strength (longitudinal)	Nominal thickness (mm)		Values max (% 5,65√so)	
	>= 3	<=25	24	
	JR		27J at + 20°C	
Weldability CEV	Nominal thickness (mm)		Values	
	> mm	<= mm		
	0,8	25	0,35	
Durability	Nominal thickness (mm)		Values	
	> 0,8	<=25	C: 0,17 Mn: 1,40 P: 0,035 S: 0,035 N: 0,012 Cu: 0,55	

EN10025-1 2004

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Tata Steel IJmuiden B.V. Wenckebachstraat 1 1951JZ Velsen-Noord The Netherlands 24
TSNL strip S235JR EN 10025-1: 2004 Strip S235JR /1.0038
To be used in-welded, bolted and riveted structures  Tolerances on dimensions: Strip EN 10051 Elongation: Tensile Strength: Yield Strength: EN10025-2 Weldability: Durability:
Dangerous Substances: No performance Determined