



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

Unique ID code

No: TSNL S355J0C

Declared Performance

Product type

Strip S355J0C/ 1.0554

Harmonised standard

according 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

Representative System of AVCP

Website: www.tatasteelnederland.com
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
Technical Director, Strip Products
Tata Steel IJmuiden BV.

Date: Dec 2024

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)	
	>	<=		
	1,4	16	355	
Tensile strength (transverse)	Nominal thickness (mm)		Values (Mpa)	
	>	<=	min	max
	1,4	3	510	680
	3	25	470	630
	Nominal thickness (mm)		Values min (% 80 mm)	
Elongation (transverse)	>	<=		
	1,4	1,5	13	
	1,5	2	14	
	2	2,5	15	
	2,5	3	16	
	Nominal thickness (mm)		Values max (% 5.65√s ₀)	
>3	<=25	20		
Impact Strength (longitudinal)	J0		27J at + 0°C	
Weldability CEV	Nominal thickness (mm)		Values	
	> mm	<= mm		
	1,4	25	0,45	
Durability	Nominal thickness (mm)		Values	
	> 1,4	<=25		
			C: 0,22 Mn: 1,60 P: 0,030 S: 0,030 N: 0,012 Cu: 0,55	

EN10025-1 2004

 0343
Tata Steel IJmuiden B.V. Wenckebachstraat 1 1951JZ Velsen-Noord The Netherlands 24 TSNL strip S355J0C
EN 10025-1: 2004 Strip S355J0C /1.0554 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