HBIS GROUP Serbia Iron & Steel d.o.o. Belgrade

1) Unique identification code of the product type:

DoP No : 35501 revision: 1

Hot Rolled Steel S355JR-EN 10025-2/2019

2) Intended use or uses of the construction product:

To be used for metal structures

3) Contact address of manufacturer :

HBIS GROUP Serbia Iron & Steel d.o.o. Belgrade

Bulevar Mihajla Pupina 6, Beograd-Novi Beograd

11000 Beograd

Republic of Serbia

+381 26 692 099

www.hbisserbia.rs

4) Authorised representative:

Not applicable

5) System/s of AVCP:

2+

6) Harmonised standard:

EN 10025-1:2004

Notified body No:

0045

TÜV NORD Systems GmbH & Co.KG

D-22525 Hamburg, Kenn.Nr. 0045

7) Declared performance:

DoP No : 35501

Essential characteristic		Performance		Harmonised technical specification
Tolerances on dimensions and shape		EN 10051/2010		EN 10025-2/2019
Yield Strength, MPa	***Nom.Thickness, mm***	***min.***	***max.***	
$R_{eH}(R_{p0.2})$	≤ 15.0	355		EN 10025-2/2019
Tensile Strength, MPa				
R_m	< 3.0	510	680	EN 10025-2/2019
R_m	≥ 3.0 ≤ 15.00	470	630	EN 10025-2/2019
Elongation, %				
A_{80}	≤ 1.5	13		EN 10025-2/2019
A_{80}	> 1.5 ≤ 2.0	14		EN 10025-2/2019
A_{80}	> 2.0 ≤ 2.5	15		EN 10025-2/2019
A_{80}	> 2.5 < 3.0	16		EN 10025-2/2019
$A_{5.65\sqrt{So}}$	≥ 3.0 ≤ 15.0	20		EN 10025-2/2019
Tensile test specimen			Transversal	EN 10025-2/2019
Absorbed energy, J	≥ 6.0 ≤ 15.0			EN 10025-2/2019
Temperature				EN 10025-2/2019
Impact test specimen				EN 10025-2/2019
Weldability				
CEV, wt.%	≤ 15.0		0,45	EN 10025-2/2019
for Si ≤ 0,04 %, increase CEV by 0,02 %; for Si ≤ 0,25 %, increase CEV by 0,01 %.				
Durability, wt.%				
Chem. Compos., wt.%	≤ 15.0	***min.***	***max.***	
C		0,00	0,24	EN 10025-2/2019
Mn		0,00	1,60	EN 10025-2/2019
Si		0,00	0,55	EN 10025-2/2019
P		0,000	0,035	EN 10025-2/2019
S		0,000	0,035	EN 10025-2/2019
Al		0,020		EN 10025-2/2019
N		0,000	0,012	EN 10025-2/2019
Cu		0,00	0,55	EN 10025-2/2019
Ni		0,00	0,42	EN 10025-2/2019
Cr		0,00	0,29	EN 10025-2/2019
Mo		0,00	0,11	EN 10025-2/2019

For elements not defined in tables for the chemical composition for heat analysis, limit values of Table 1 of EN 10020:2000 shall apply as maximum values

Suitability for hot-deep zinc-coating: Category A: Si<=0,03% and Si+2,5P<=0,090%; Category B: 0,14%=<Si<=0,25%; Category D: 0,25%<Si<=0,35%.

The performance of the product identified above is in conformity with the set of declared performance/s.This declaration of performance is issued, in accordance with Regulation(EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Šutovic Željko, General Manager of Quality Assurance

https://hbisserbia.rs/declaration-of-performance-dop/

At: Smederevo

On: 01-apr-20