



Открытое акционерное общество
"Белорусский металлургический завод —
управляющая компания холдинга
"Белорусская металлургическая компания"

Ул. Промышленная, 37, 247210, г. Жлобин, Гомельская обл.
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Р.с. 3012003880014 в филиале 312 ОАО СБ "Беларусбанк" г. Жлобина,
МФО 151501673, УНП 400074854

Open Joint-Stock Company
"Byelorussian Steel Works — management company of
"Byelorussian Metallurgical Company" holding"

37 Promyshlennaya St, 247210, Zhlobin, Gomel region.
Tel. +375 2334 2 50 99, 5 55 20; fax +375 2334 3 10 70, 3 16 35,
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Acc. No. 3012003880014 with JSCB "BELARUSBANK", branch 312, Zhlobin,
MFO 151501673, TRN 400074854

17.07.2018 № 2-1516

На № _____ от _____

DECLARATION OF PERFORMANCE

(European construction regulations №305/2011, annex III)

№ 1.0577-S355J2/1.0579-S355J2C-CPR-1011

- | | |
|--|--|
| 1. Unique identification code of product-type: | <u>S355J2- EN10025-2</u>
<u>S355J2C- EN10025-2</u> |
| 2. Product name: | Hot-rolled bars of construction steel for metalware |
| 3. Manufacturer | Open Joint-Stock Company
"Byelorussian Steel Works - management company of "Byelorussian Metallurgical Company" holding"
37 Promyshlennaya str., Zhlobin, Republic of Belarus, 247210
Tel: +375 2334 54129
e-mail: qualdir@bmz.gomel.by www.belsteel.com |
| 4. Name and address of an authorized representative of the manufacturer acting under mandate | Not applicable |
| 5. System for assessment and verification of performance characteristics | System 2+ |
| 6a. Harmonized specification | EN 10025-2:2005-04 |
| - Name and number of notified institution that issued a certificate | Institution for certification of construction products and metal constructions registered under №0045 TÜV NORD System GmbH & Co.KG(Hamburg, Germany) |
| 6b. European assessment document | Not applicable |

7. Declared performance:

Essential characteristics	Performance characteristics				Harmonized technical specifications			
Diameter	5,5 to 160 mm				EN 10060:2003 (table 1)			
Yield strength	Diameter, mm		R_{eH} , MPa, min		EN10025-2:2005-04 (table 7)			
	5,5 - 16		355					
	17 - 40		345					
	41 - 63		335					
	64 - 80		325					
	85 - 100		315					
	105 - 150		295					
	160		285					
Tensile strength	Diameter, mm		R_m , MPa					
	5,5 - 100		470-630					
	105 - 160		450-600					
Specific elongation	Diameter, mm		L_{o1} , %, min					
	5,5 - 40		22					
	41 - 63		21					
	64 - 100		20					
	105 - 150		18					
	160		17					
Impact strength	Diameter, mm		KV^e , J, at -20 °C, min		EN10025-2:2005-04 (table 9)			
	5,5 - 160		27					
Carbon equivalent	Diameter, mm	Diameter, mm	C equiv., % max.	C equiv., % max.	EN10025-2:2005-04 (table 6)			
	S355J2	S355J2C	S355J2	S355J2C				
	5,5 - 30	-	0,45	-				
	31 - 150	-	0,47	-				
	160	-	0,49	-				
Chemical composition	Max. mass fractions, %							EN10025-2:2005-04 (table 2)
	C	Si	Mn	P	S	N	Cu	
	0,22	0,55	1,60	0,030	0,030	-	0,55	
Note: it is allowed increase of the maximum content of sulfur up to 0,040%, according to the subparagraph e) table 2								

8. Appropriate technical documents and/or specific technical documents Not applicable

The performance of the product identified in points 1 is in conformity with the performance characteristics declared in point 7.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.

Signed for on behalf of the manufacturer by:

Deputy General Director for technology and quality

(Name and function)

E.A. Peretyadina



Zhlobin

(Place and date of issue)

signature, stamp