

DECLARATION OF PERFORMANCE

№ 19/01/01-05/08-1

1. Unique identification code of the product-type:	Round bar / steel as per EN 10025-2 S235JR+AR (1.0038)		
2. Intended use:	Building constructions or civil engineering / steel structures (welded, bolted, riveted)		
3. Producer:	AO "Steel Works Balakovo", 2 shosse Metallurgov, selo Bykov Otrog, Saratov Region, Russia, 413810, tel. (88453) 66-90-00, fax (88453) 66-90-01, e-mail: priemnaya@balmetall.ru		
4. Assessment and Verification of Constancy of Performance (AVCP) of structural products:	system 2+		
5. Harmonized standart: Notified body:	EN 10025-1:2004 AS Inspecta Latvia, NB 1325		
6. Declared performance:			
Essential characteristics	Quality		Harmonized Technical Requirements
Permissible Variations in Dimensions and shape	Round bar		EN 10060
Yield stress	Nominal thickness (mm)		Values (Mpa)
	>	≤	Min
	10	16	235
	16	32	225
Tensile strength	Nominal thickness (mm)		Values (Mpa)
	>	≤	min max
	10	32	360 510
Elongation	Nominal thickness (mm)		Values (%)
	>	≤	Min
	10	32	26
Impact energy	Nominal thickness (mm)		Values (J)
	>	≤	Min
	10	32	27 at +20 °C
Weldability CEV	Nominal thickness (mm)		Values (%)
	>	≤	max
	10	32	0,35
Durability (chemical composition)	Nominal thickness (mm)		Values (%)
	>	≤	max
	10	32	C: 0,17 Mn: 1,40 P: 0,035 S: 0,035 Cu: 0,55 N**: 0,012 V: 0,13
	** The max. Value for nitrogen does not apply if the chemical composition shows a minimum total Al content of 0,020% or if sufficient other N binding elements are present.		
7. 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) №305/2011, under the sole responsibility of the manufacturer identified above.			

Signed for and on behalf of the manufacturer by:
General Director of AO "SW Balakovo"

Balakovo, Russia, 29.04.2020



(Signature)

V.V. Babenko