



**ЕВРАЗ**

ПУБЛІЧНЕ АКЦІОНЕРНЕ ТОВАРИСТВО  
«ЄВРАЗ – ДНІПРОПЕТРОВСЬКИЙ МЕТАЛУРГІЙНИЙ  
ЗАВОД ІМ. ПЕТРОВСЬКОГО»

ПУБЛИЧНОЕ АКЦИОНЕРНОЕ ОБЩЕСТВО  
«ЕВРАЗ-ДНЕПРОПЕТРОВСКИЙ МЕТАЛЛУРГИЧЕСКИЙ  
ЗАВОД ИМ. ПЕТРОВСКОГО»

### **Declaration of performance characteristics**

*№ 10/14/07/2013- JSC «EVRAZ-DMZ named after PETROVSKOGO».*

1. Unique Identification Number of a product:  
**05393056- Channel DIN 1026-1 – (U80, U100, U120, U140, U160, U180, U200, U240) – S235JR+AR**
2. Type, parcel or serial number or any other parameter, which allows to identify a construction work, if it is necessary, in accordance with harmonized technical specifications in accordance with Article 11 (4):  
**Hot Rolled channels U80, U100, U120, U140, U160, U180, U200, U240 made of steel S235JR+AR corresponding to DIN EN 10025-2.**
3. Intended use or using of construction work in accordance with harmonized technical specifications consistent with Producer:  
**In steelworks or in reinforced concrete precast monolithic constructions (by soldering, bolting, riveting).**
4. Name, registered trade name or registered trade mark, contact address of the Producer as required in accordance with Article 11(5):  
**JSC «EVRAZ-DMZ named after PETROVSKOGO»,  
3, Majakovskogo street, Dnepropetrovsk, 49064, Ukraine,  
[Denis.Frolov@evraz.com](mailto:Denis.Frolov@evraz.com)**
5. If it is necessary, name and contact address of an authorized representative, whose authority comprises tasks, set out in Article 12 (2):
6. System or systems of assessment and verification of correctness of performance of construction work as indicated in ANNEX 5:

### **System of attestation of conformity 2+**

7. In the case if the Declaration of performance characteristics of construction work is covered by the harmonized standard:

**Declared certification body for mill's manufacturing control is a notified body №1017 TÜV SÜD Czech, which has made an initial audit of Producer's mill and manufacturing control, as well as carries out a continuous surveillance, assessment and evaluation of the manufacturing control. The certificate of manufacturing control system is № 1017-CPD-01/472/069/10/02/07/0.**

8. Declared performance characteristics:

Basic characteristics	Performance technical specifications		Harmonized technical specifications
<b>Tolerances on dimensions and form</b>	<b>Sizes, thickness, form</b>	DIN 1026-1:2009 EN 10279:2000	DIN EN 10025-1:2005; DIN EN 10025-2:2005.
<b>Point of fluidity</b>	<b>Nominal thickness (mm)</b>	<b>Values (MPa)</b>  ≤16      Min 235	
<b>Temporary resistance</b>	<b>Nominal thickness (mm)</b>	<b>Values (MPa)</b>  ≥3 ≤100      Min 360      Max 510	
<b>Elongation per unit length</b>	<b>Номинальная толщина (мм)</b>	<b>Values (%)</b>  ≥3 ≤40      26	
<b>Work of fracture of impact bending</b>	<b>Temperature (° C); Nominal thickness (mm)</b>	<b>Values (Joules)</b>  20; ≤150      Min 27	
<b>Carbon equivalent value (CEV)</b>	<b>Nominal thickness (mm)</b>	<b>Values (%)</b>  ≤30      Max 0,35	
<b>Chemical composition</b>	<b>Nominal thickness (mm)</b>	<b>Values (%)Max</b>  ≤16      C 0,17; Si NPD; Mn 1,40; P 0,035; S 0,035; Cu 0,55; Cr NPD; N 0,012; Ni NPD; Mo NPD; V NPD	

