

DECLARATION OF PERFORMANCE

No 1.4541

Unique identification code of the product-type:	1.4541 - EN 10088-4:2009
Intended use/es:	Sheet/plate and strip of corrosion resisting steels for construction purposes
Manufacturer:	Outokumpu Nirosta GmbH Oberschlesienstr. 16, 47807 Krefeld, Germany
System/s of AVCP:	2+
Harmonised standard:	EN 10088-4:2009
Notified body/ies:	MPA NRW No.0432 No. 0432-CPR-00052-1

Declared performance/s:		
Essential characteristics	Performance	Harmonised technical specification
Tolerances on dimensions and shape	Tolerances in accordance with EN ISO 9444-2 and EN ISO 9445-2	EN 10088-4:2009, Clause 6.9
0,2%-proof strength (yield strength) Rp0,2	Cold rolled 220 Mpa	EN 10088-4:2009, Clause 6.5.1
Tensile strength Rm	Hot rolled 200 Mpa	
Elongation A	520-720 MPa	
Impact strength KV	520-720 Mpa	
Weldability	(covered by chemical composition)	EN 10088-4:2009, Clause 6.3
Durability	(covered by chemical composition)	EN 10088-4:2009, Clause 6.3 and 6.4
Fracture toughness/ brittle strength	(covered by impact strength)	EN 10088-4:2009, Clause 6.5.1
Cold formability	(covered by elongation)	EN 10088-4:2009, Clause 6.8

Appropriate Technical Documentation and/or Specific Technical Documentation:	No. 0432-CPR-00052-1 EN 10088-4:2009, annex ZA
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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 574/2014, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:



Krefeld, 24.09.2019

Nico Malinowsky - Inspector (EU-O-KB-QM-A)