

Manufacturer
ACME Metal Works GmbH
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Customer
Global Steel Trading Ltd.
Commerce Way 789
2000 Antwerp, BE
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Digital Material Passport

ID	DMP-METAL-006	Version	1.0.0
Issue Date	2025-05-18	Certificate Type	EN 10204 3.1

Business Transaction

Order		Delivery	
Order ID	PO-65478	Delivery ID	DN-98761
Position	1-10	Position	All
Date	2025-04-15	Date	2025-05-17
Quantity	75000 kg	Quantity	75000 kg

Product Information

Product Name	Structural Steel S355J2+N - Various Shapes
Batch ID	H-79513-03
Heat Treatment	Normalized
Surface Condition	Hot-rolled
Production Date	2025-05-16
Country of Origin	DE

Material Designations

System	EN
Designation	1.0577

Chemical Analysis

Heat Number	H-79513
Melting Process	BOF+LF
Casting Date	2025-05-15
Sample Location	Ladle

Elements

Symbol	C	Mn	Si	P	S	CEV
Unit	%	%	%	%	%	%
Min	-	-	-	-	-	-
Max	0.2	1.6	0.5	0.025	0.02	0.45
Actual	0.17	1.47	0.25	0.017	0.011	0.42

Mechanical Properties

Property	Symbol	Unit	Actual	Minimum	Maximum	Method	Status
Tensile Strength	Rm	MPa	525	470	630	EN ISO 6892-1-	
Yield Strength	ReH	MPa	385	355		EN ISO 6892-1-	
Elongation after fracture	A ₅₀	%	23	20		EN ISO 6892-1-	
Charpy V-notch Impact Energy	KV	J	42	27		EN ISO 148-1 -	

Validation

We hereby certify that all material described above has been manufactured and tested in accordance with the requirements of EN 10025-2:2019 and EN 10204:2004 type 3.1. The results comply with the requirements for S355J2+N steel grade.

Validated By

Name	Title	Department	Date
Klaus Müller	Quality Control Manager	Quality Assurance	2025-05-18