

29.9.2022

486347

Customer's order number 023050		Manufacturer's order number 171590 1		
Customer/consignee Ovako Metals Oy Ab Tuotekatu 3 33840 Tampere		Buyer Ovako Metals Oy Ab Tuotekatu 3 33840 Tampere		
Customer reference number 023050-5130/96-721011				
Product Round bar As rolled Hot rolled, cold drawn		Steel grade IMATRA 550		
		Specification IS 2722.01.05		
Charge 48215	Abbreviation H58	Diameter/dimensions 50,00 mm	Tolerance type h09	Reduction ratio 53,62 :1

CAST ANALYSIS

	C	SI	MN	P	S	CR	NI	MO	
	%	%	%	%	%	%	%	%	
Min					0,020				
Result	0,13	0,38	1,13	0,007	0,028	0,20	0,20	0,04	
Max	0,20	0,55	1,60	0,025	0,040				
	V	TI	CU	ALS	AS	SN	B	CA	
	%	%	%	%	%	%	%	%	
Min								0,0020	
Result	0,05	0,0011	0,21	0,012	0,006	0,012	0,0002	0,0042	
Max	0,09		0,30						
	N	NB	CO	PB	W	SB	CEV		
	%	%	%	%	%	%	%		
Min									
Result	0,011	0,004	0,013	0,0000	0,003	0,001	0,41		
Max							0,47		

TENSILE TEST FROM 1/3 RADIUS EN ISO 6892-1

	Rp0.2	Rm	A	5	Z
	MPa	MPa	%	%	
Min	500	550	12		
Result	621	640	15	68	
Max		750			

This material meets also the requirements of S355J2C+C according to EN 10277:2018

Steel production process: Electric Arc Furnace, Vacuum Degassing and Continuous Casting

Country of origin: Finland

The products supplied are in compliance with the requirements of the order

This certificate is issued electronically and is valid without a signature

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Takala Esa
Authorized Representative

All of Ovako's operations are carbon neutral beginning January 1, 2022.