

12.8.2019

449647

Customer's order number 010628		Manufacturer's order number 150373 1		
Customer/consignee Ovako Metals Oy Ab Tuotekatu 3 33840 Tampere		Buyer Ovako Metals Oy Ab Tuotekatu 3 33840 Tampere		
Customer reference number 010628-5130/96-721009				
Product Round bar As rolled Hot rolled, cold drawn		Steel grade IMATRA 550		
		Specification IS 2722.01.05		
Charge 37822	Abbreviation V4X	Diameter/dimensions 40 mm	Tolerance type h09	Reduction ratio 82,83 :1

CAST ANALYSIS

	C	SI	MN	P	S	CR	NI	MO	
	%	%	%	%	%	%	%	%	
Min					0,020				
Result	0,16	0,28	1,01	0,007	0,035	0,16	0,21	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	0,06	0,0009	0,18	0,011	0,009	0,011	0,0003	0,0045	
Max	0,09		0,30						
	N	NB	CO	PB	W	SB	CEV		
	%	%	%	%	%	%	%		
Min									
Result	0,013	0,002	0,014	0,0003	0,005	0,002	0,40		
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	625	645	15	61	
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

Kumpulainen Helena
Authorized Representative