

Certificate Type : EN 10204/3.1

Our Sales OrderNo	110489	Invoice No.	4230994	Certificate No.	2017-48009
Customer Order No.	4500673512	Invoice Date	15-02-2023	Date	15-02-2023

Customer Lemvigh - Muller A/S
Stationsalleen 40
2730 Herlev

Trade Mark

AIL

Inspector,s Mark :

AIL1

Material Details		Stainless Steel Round Bright Bar			
Steel Grade	304/304L/1.4301/1.4307	Shape	Round	Size	6.00 mm
Heat No.	807227	Tolerance	h9 / EN-10278	Length Of Bars	6.000-6.200 meter
Net Weight	0.554 MT	Number Of Bars	1	Melting Process	EF/AOD/MEMS.
Bundle Nos	5007061				
Requirements	ASME SA 479:2016 DIN EN 10272:2016	ASTM A 479:2016	DIN EN 10088-3:2005	DIN EN 10088-5:2009	

Chemical Analysis %

Element	C	Si	Mn	P	S	N2	Cr	Ni							
Min					0.0150		18.0000	8.0000							
Max	0.0300	1.0000	2.0000	0.0450	0.0300	0.1000	19.5000	10.5000							
Obs	0.0210	0.3500	1.5700	0.0380	0.0180	0.0520	18.1000	8.0300							

Mechanical Properties

	YS(Rp 0.2%) (N/mm2)	UTS (N/mm2)	% Elongation	% Reduction Area	Hardness (BHN)	Charpy Impact V Notch (Longitudnal) (Joules)				
	ISO 6892-1:2016	ISO 6892-1:2016	ISO 6892-1:2016	ISO 6892-1:2016	ISO 6506-1:2014	Temp.Deg	Result			
Min.	400.00	600.00	30.00	40.00		C	1	2	3	Avg.
Max.		900.00								
Result	516.24	718.22	40.00	60.00						

Heat Treatment :

Solution Annealed @ 1050°C. Soaking for 1hr-20mins & Water Quenching.

Remarks

- * Country Of Origin Of Goods - India
 - * Free From Radioactivity - verified through Gamma Ray Spectrometer
 - * No Mercury Contamination
 - * Micro & Macro Test - Satisfactory
 - * No welding has been performed on the material
 - * Visual & dimensional Inspection- ok
- Material identification tested through X-Ray based portable spectrometer
- * Crack Test - DIN EN 10277-1, Class 4
 - Stainless steel round bright bars
 - EN 1.4307/4301 - Tp 304/304L
 - DDP Randers Denmark (Incoterms 2020)
 - LC No:- 00222-01-3315489 Dated 07-12-2022



CERT NO :-0035-CPR-A279

We confirm that the material is manufactured & supplied in accordance to the Purchase Order

QA Head/NDT Inspector
AAMOR INOX LIMITED