



Superon Schweisstechnik India Ltd

Plot no. 552, Pace City-II, Sector 37, Gurgaon,
Haryana-122001, India

An ISO 9001, ISO 14001 &
BS OHSAS 18001 Certified Company

TEST CERTIFICATE AS PER EN 10204 TYPE:3.1

CUSTOMER : SWP-U.K	P.O./P.I. NO	41482/05.09.2022
	INVOICE NO./DATE	EXP/22-23/528/10.11.2022
	QTY.(Kgs.)	235.00

Brand/Grade : SUPER OPTIMAL 7024 Report No: SUP 2022/4243
 Size (mm): 4.00X350 Date of issue: 10.11.2022
 Standard-No./
 Classifications: AWS A5.1 : E7024 PART No.7416
 Batch No/Heat No: GP 14880
 Date of Mfg: 19.10.2022

All Weld Metal Chemical Analysis (%)

Element	C	Si	Mn	S	P	Cr	Ni	Mo	Cu	Nb	V	N
Spec.	0.15 Max.	0.90 Max.	1.25 Max.	0.035 Max.	0.035 Max.	0.20 Max.	0.30 Max.	0.30 Max.	-	-	0.08 Max.	-
Result	0.079	0.42	0.87	0.011	0.026	0.021	0.022	0.004	-	-	0.026	-

Mechanical Properties of All Weld Metal

	Yield Strength (N/mm ²)	Tensile Strength (N/mm ²)	Elongation (%)	Charpy Impact Avg. value(Joules) Temp. At 0 (°C)	Hardness (As welded)	Ferrite(FN) as perWRC-1992
Spec:	400 Min.	490 Min.	17 Min.	Not Specified	--	--
Result	488	584	26.00	62,78,72,70,70 Avg.=70.67	--	--

Diffusible Hydrogen:- (ml/100gm of weld metal)	--	Coating Moisture(%):-	--
Radiography:-	Satisfactory	Fillet weld Test:-	Satisfactory
Bend Test:-	-	PWHT:-	--

TEST CONDUCTED AS PER : AWS/SFA-A5.1 :E7024

We certify that the statement in this test report are correct and that the test welds were prepared welded and tested in accordance with the requirement conforming to ASME BPVC.II.C Latest Edition 2021, in all respects.



Manager Quality Assurance