

INSPECTION CERTIFICATE

FLUX CORED WIRE

KOBELCO WELDING OF EUROPE B.V.

PURCHASER _____

CERTIFICATE NO: KC24-069
 DATE OF ISSUE: 01/03/2024

TRADE DESIGNATION	DIAMETER (mm)	MFG.NO.	APPLICABLE SPECIFICATION AND CLASSIFICATION
DW-308L	1.2	N40200	AWS A5.22 E308L T0-1/4 EN ISO 17633-A T 19 9 L R C1/M21 3

1. CHEMICAL COMPOSITIONS OF ALL WELD METAL (wt%) (ACCORDING TO EN 10204 TYPE 3.1)

ELEMENT	C	Si	Mn	P	S	Cu	Ni	Cr	Mo	N
WELD METAL	0.024	0.67	1.84	0.024	0.004	0.04	9.89	19.56	0.04	0.027
ELEMENT			FS	FN		FNW				
WELD METAL			9.0	11.0		10.0				

FS:FERRITE CONTENT%(SCHAEFFLER DIAGRAM)
 FN:FERRITE NUMBER(DELONG DIAGRAM)
 FNW:FERRITE NUMBER(1992 WRC DIAGRAM)

2. MECHANICAL PROPERTY OF ALL WELD METAL (ACCORDING TO EN ISO)

2.a TENSILE TEST (ACCORDING TO EN 10204 TYPE 3.1)

YIELD STRENGTH at 0.2% OFFSET (MPa)	TENSILE STRENGTH (MPa)	ELONGATION GL=5D(%)
350	552	40

2.b CHARPY IMPACT (ACCORDING TO EN 10204 TYPE 3.1)

TESTING TEMPERATURE (°C)	ABSORBED ENERGY(J) EACH	AVERAGE

3. WELDING CONDITIONS FOR THE TESTING

TYPE OF CURRENT	DC+	SHIELDING GAS	80%Ar+20%CO2
WELDING CURRENT	220 (A)	ARC VOLTAGE	28.0 (V)

4. REMARKS

BISMUTH (Bi) CONTENT IN DEPOSITED METAL IS NO LESS THAN 0.002%.

WE HEREBY CERTIFY THAT THE TEST RESULTS OF THE ABOVE WELDING MATERIAL ARE CORRECT



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 QA Manager