

INSPECTION CERTIFICATE

KOBELCO WELDING OF EUROPE B.V.

FLUX CORED WIRE
According to EN 10204-3.1

PURCHASER _____

CERTIFICATE NO: KC21-375

DATE OF ISSUE: 12/11/2021

TRADE DESIGNATION	DIAMETER (mm) / WEIGHT (kg)	MFG.NO.	APPLICABLE SPECIFICATION AND CLASSIFICATION
MX-100T	1.2	NB1B21	AWS A5.18 E70C-6M/-6C EN ISO 17632-A - T 42 2 M M/C 1 H5

1.CHEMICAL COMPOSITIONS OF ALL WELD METAL(wt%)

ELEMENT	C	Si	Mn	P	S	Cu	Ni	Cr	Mo	V	Nb	91
WELD METAL	0.07	0.52	1.57	0.008	0.017	0.04	0.03	0.03	0.01	0.00	< 0.01	0.07
ELEMENT												
WELD METAL												

91=Ni+Cr+Mo+V

2.TENSILE TEST OF ALL WELD METAL

YIELD STRENGTH at 0.2% OFFSET MPa	TENSILE STRENGTH MPa	ELONGATION GL=5D(%)
436	553	28

3.CHARPY IMPACT TEST OF ALL WELD METAL

TESTING TEMPERATURE (°C)	ABSORBED ENERGY (J)			AVERAGE
	EACH			
-20	75	71	84	77
-30	59	53	65	59

4.WELDING CONDITIONS FOR THE TESTING

TYPE OF CURRENT	DC+	SHIELDING GAS	100%CO2
WELDING CURRENT	260 (A)	ARC VOLTAGE	33.0 (V)

5.REMARKS

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



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QA Manager