

CERTIFIED MATERIAL REPORT

CMR No. : 2401154300008

Date of Issue : 2024-01-15

Customer	SPECIALISED WELDING PRODUCTS LIMITE		
Trade Name	Supershield 11	Size	1.2mm*15kg
Lot No.	MF23140L0	Purchaser's Order No.	
Specification	AWS A5.20 E71T-11 EN ISO 17632-B - T49 Y T11-1 NO A		

Welding Current	DCEN	Shielding Gas	-	Post Weld Heat Treatment (°C × hr.)	AS WELDED
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Mechanical Properties

Weld Metal	Tensile Test			Impact Test (CVN - Joule)				
	YS(MPa)	TS(MPa)	EL(%)	Temp.(°C)	X1	X2	X3	Avg.
	512	595	24.5		-	-	-	-
AWS Spec.	≥ 390	490~670	≥ 20	-				

Chemical Composition (%)

* According to EN 10204-2004 : 3.1

Weld Metal	C	Si	Mn	P	S	Ni	Cr	Mo	V	Al	Cu
	0.19	0.33	0.48	0.011	0.008	0.03	0.04	0.01	0.01	1.25	0.01
AWS Spec.	≤ 0.30	≤ 0.60	≤ 1.75	≤ 0.03	≤ 0.03	≤ 0.50	≤ 0.20	≤ 0.30	≤ 0.08	≤ 1.8	≤ 0.35

Others

We hereby certify that the material covered by this report has been inspected in accordance with and been found to meet the applicable requirements of specification and customer's requirements.



0035-CPR-C760
EN13479
0035 06 / HWC-321

Approved by

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