SWP
Specialised Welding Products Ltd

CERTIFICATE

TÜV NORD ISO 9001

EN 10204

	2.2	3.1
CHEMICAL	☐	☒
MECHANICAL	☒	☐

Number	L - 10664		
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Purchaser	**SPECIALSED WELDING PRODUCTS LTD ENGLAND**
Order Nr	08/SWP/400-2011
Product Group	Covered electrode - hardfacing
Brand Name	**ELHARD 600S (SUPER6 HARDFACING 60) / 4.5 KG PLASTIC BOX**
Standard	TS EN 14700:06 -
Classification	E Fe 8 -
Size	**3,20x350 mm**
Quantity	22,5 Kg
Serial Nr	**3263**
Charge Nr	263

Chemical Composition of Weld Metal (%)

Charge Nr	C	Si	Mn	P	S	Cr	Ni	Mo	Cu	V	Al	Fe	Nb	W	-	-	-
TS/EN/ISO	*0,2-2,0*	-	*0,3-3,0*	-	-	*5,0-18,0*	-	*≤4,5*	-	*≤2,0*	-	*Rest/Kalan*	*≤10,0*	*≤2,0*	-	-	-
263	0,430	1,866	0,621	0,017	0,001	10,802	0,094	0,015	0,108	0,024	0,001	Rest/Kalan	0,004	0,000	-	-	-

Mechanical Properties

Tensile Test			- EN 10002-1		Impact Test				- EN 10045-1	
Specimen preparation			- EN 876		Specimen preparation				- EN 875 VWT 0/b	
	Test Temperature	R_p Yield Strength	R_m Tensile Strength	A Elong.	Test Temperature	KV Impact Strength	KV Average	Hardness	Radiographic test	Comment
	°C	N / mm²	N / mm²	$\%L_o=5d_o$	°C	J	J	HRC	-	
TS/EN/ISO	*20*	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	54 - 58	-	

Quality Department

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