

DATASHEET RW 4122 – MIG wire**Description and Applications**

Stainless steel 17% Cr welding wire used for hardfacing / cladding. Combines high hardness with very good corrosion resistance. The weld deposit can not be machined with normal cutting tools, grinding is possible. Hardness approx. 45 HRc. Deposit can be tempered.

Rodacciai denomination and approximate equivalent with other standards**RW 4122**

EN ISO 12072	S Z 17 Mo H
DIN 8556	SG-X35 CrMo 17
Werkstoff Nr.	1.4122

Filler metal properties

Chemical composition (nominal) in %

	C	Mn	Si	S	P	Cr	Ni	Mo
min	0,350					15,50		0,90
max	0,430	1,00	0,60	0,020	0,030	16,50	1,00	1,20

Expected minimum mechanical properties of all weld metal

Temperature	°C	20
Yield strength, Rp 0,2	N/mm ²	550
Tensile strength, Rm	N/mm ²	750
Elongation, A5	%	12

Packaging forms

Blue metallic wire basket BS300 of 15 kg.

Diameters : 1,00 – 1,20 – 1,60 mm