

Meltolit

80/20

ISO 18274: S-Ni 6072(NiCr20)
AMS5676

DESCRIPTION

NiCr-alloyed wire for welding of Nimonic 75, Incoloy DS and the Brightray alloys to themselves and to each other. Also used for dissimilar applications between stainless steels and carbon steel against nickel based alloys. Also used for overlay welding of carbon and low alloyed steels.

WELDING POSITIONS



CURRENT

DC-

SHIELDING GAS

I1, I3

MECHANICAL PROPERTIES

<i>R_m</i> (Mpa)	<i>R_{p 0,2}</i> (Mpa)	<i>A₅</i> (%)	<i>KV(J)</i>
550		25	

CHEMICAL ANALYSIS(%)

C	Mn	Si	Ni	Cr	Co	Cu	Fe
0,26 max	1,2 max	0,5 max	rest	18-21	1,0 max	0,2 max	0,5 max

PACKAGING

Dimension (mm)	0,8x1000	1,0x1000	1,2x1000	1,6x1000
	2,0x1000	2,4x1000	3,2x1000	
Box (kg)	5	5	5	5