

Meltolit

CuSi3

ISO 24373: Cu 6560 CuSi3Mn1
AWS A5.7: ER Cu Si-A

DESCRIPTION

Si-alloyed copper welding wire for galvanized sheet metal, car bodies in automotive industry, for building up mild steels, solenoid valves, bikes, pipe & frame construction etc. Welding method is also called Mig/Tig -brazing.

WELDING POSITIONS



CURRENT

DC+, Mig
DC(-), Tig

GAS

Ar (I1)

BASE MATERIALS

Copper, un-/low-alloyed steel

MECHANICAL PROPERTIES

Tensile strenght N/mm ²	Density kg/dm ³	A5 (%)	Hardness(HB)	Meltingtemp.(°C)
350	8,5	40	80	965-1035

WELD METAL COMPOSITION(%)

Cu	Si	Mn	Sn	Zn	Al	Fe	Others
Rest	2,8-4,0	0,75-1,5	0,2	0,4	0,02	0,5	<0,5

Packaging

Mig(mm)	0,6	0,8	1,0	1,2	1,6
Spools(kg)	5/15	5/15	5/15	5/15	15
Drums(kg)	-	200/400	200/400	200/400	200/400
Tig(mm)	1,2	1,6	2,0	2,4	3,2
Box(kg)	5	5	5	5	5