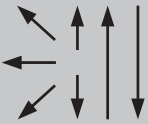


Classifications							
EN ISO 18273-A		EN ISO 18273-B			AWS A5.10		
S Al 4043A (AlSi5(A))		-			ER4043		
Characteristics and typical fields of application							
Solid wires for GMAW welding of aluminium alloys. The weld metal is not suitable for anodizing for decorative purposes. Very fluid weld pool. Thicker plate materials and castings require preheating to 150 – 200 °C (302 – 392 °F). Do not use for welding hardenable alloys in high stressed zones.							
Base materials							
AlMgSi 0.5	3.3206	EN AW-6060 [AlMgSi]					
AlMgSi 0.7	3.3210	EN AW-6005A [AlSiMg(A)]					
AlMgSi 1	3.2315	EN AW-6082 [AlSi 1 MgMn]					
AlMg 1 SiCu	3.3211	EN AW-6061 [AlMg 1 SiCu]					
G-AlSi 6 Cu 4	3.2151	EN AC-45000					
Typical analysis of solid wire (wt.-%)							
Al	Si	Fe	Cu	Mg	Ti	Mn	Zn
bal.	4.5 - 6.0	< 0.6	< 0.3	< 0.2	< 0.15	< 0.15	< 0.1
Mechanical properties of all-weld metal							
Yield strength R _{p0.2}		Tensile strength R _m			Elongation A (L ₀ =5d ₀)		
MPa		MPa			%		
40		120			8		
Operating data							
	Ø (mm)		Shielding gas: (EN ISO 14175)			Polarity: DC (+)	
	1.0		I1, I3				
	1.2						
	1.6						
Approvals							
DB (61.132.02)							