


L-Ag5P

CATEGORY	Brazing						
TYPE	Copper phosphorus silver brazing alloy.						
APPLICATIONS	Particularly recommended for sanitary and refrigerating equipment. Suitable for working temperatures up to 200°C						
PROPERTIES	Excelent flowing alloy with high purity offering strong brazing joints. Do not use in a sulphurous environment.						
CLASSIFICATION	AWS	A 5.8: BCuP-3					
	EN ISO	1044: CP 104					
	DIN	8513: L-Ag5P					
SUITABLE FOR	Copper to copper (without flux). Brass, copper and copper-tin alloys (with flux).						
APPROVALS	CE approved						
WELDING POSITIONS:							
FILLER METAL ANALYSIS %	Ag	Cu	Si	P			
	5	89	0.02	6			
MECHANICAL PROPERTIES	Heat Treatment	R _{p0,2} (N/mm ²)	R _m (N/mm ²)	Weight (g/cm ³)	Operating temperature (°C)	Impact Energy (J) ISO-V (-40°C / -60°C)	Melting range (°C)
	As brazed		250	8.2	710		645-800
BRAZING PARAMETERS / PACKING	Welding Parameters		Flame type	Optimum brazing	Packing		
	D (mm)	Length (mm)	Adjustment	Gab (mm)	kg / tube / carton	kg spool	
	1.5	500 / 1000	Neutral	0.06-0.13	1 / 5 / 20	1 till 10	
REDRYING TEMPERATURE	not required						
OTHER DELIVERY FORMS	Endless wire on spools and customized brazing rings						