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TECHNICAL SPECIFICATION SHEET

Harris L-CuP6 BRAZING FILLER METAL

NOMINAL CHEMICAL COMPOSITION:

Cu %	P %	Others %
Balance	5,9 – 6,5	0,25

PHYSICAL AND MECHANICAL PROPERTIES:

Tensile strength (N/mm ²)	Specific Weight (gr/cm ³)	Melting range (°C)	Elongation (%)	Fluidity rating ()	Joint clearance (MM)
250	8,10	710 – 890	6	4	0,05 – 0,15

BRAZING PROPERTIES:

Designed primary for copper to copper brazing applications, L-CUP6 may be used on not high responsibility Brass / Bronze brazing applications. This is a sluggish alloy useful in applications where joint clearance cannot be maintained.

AVAILABLE FORMS:

Standard wire diameters (rods, coils and spools), preformed rings, bend returns on different length and sizes.

SPECIFICATION COMPLIANCE:

ISO 17672	CuP 179
DIN EN1044	CP 203
DIN8513	L-CUP6
AWS A5.8	-
NFA 81-362	-
BS 1845	-

RECOMMENDED FLUX:

Not required on copper to copper applications (Self fluxing). Stay-Silv White or Black brazing flux with copper to Brass or Brass to Brass applications.

APPLICATIONS:

HVAC/R industry: Copper to copper joints where the clearance is between 0.05 – 0.15 MM.

WARNING: PROTECT yourself and others. Read and understand this information.

FUMES AND GASES can be hazardous to your health.

- Before use, read and understand the material Safety Data Sheets (MSDS), and your employer's safety practices.
- Keep your head out of fumes.
- Use enough ventilation, exhaust at the arc, or both, to keep fumes and gases from your breathing zone and the general area.
- Wear correct eye, ear, and body protection.

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