

ME141-LCV

Rev.0

Product Specification:

Oxide-free copper brazing paste with water-based and thixotropic binder.

Product features:

Suitable for joining ferrous and non-ferrous metal components, this paste offers the fastest and most economical process to furnace brazing for industrial components. The paste dry slowly on air.

Norm:

ISO 17672:2016 Cu 141

Chemical Composition:

Element	Unit	Min %	Max %
Cu	%	99.00	100.00
Cd	%	0.000	0.010
Pb	%	0.000	0.025
Al	%	0.000	0.010
P	%	0.000	0.075

Physical Properties:

Working temperature:	1085 (°C)
Melting range:	1085 - 1085 (°C)
Tensile strength:	205 - 210 (MPa)
Viscosity range:	110000 - 150000 (cP)
Metal content:	73.80 - 75.80 (%)
Binder Type:	LB
Gap width:	0,10 mm max
Heat sources:	Belt furnaces trough NH ₃ , H ₂ , N ₂ /H ₂ atmosphere
Dispensing/Application:	Pneumatic or mechanical dispensing units

Storage:

The product have a long term storage life but store in a cool and dry place, away from direct sunlight and moisture between 15 ~ 25 °C. Shelf-life 6 months