

ME110-LBV

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 110																
Chemical Composition:	<table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Element</th> <th style="text-align: left;">Unit</th> <th style="text-align: left;">Min %</th> <th style="text-align: left;">Max %</th> </tr> </thead> <tbody> <tr> <td>Cu</td> <td>%</td> <td>99.90</td> <td>100.00</td> </tr> <tr> <td>Cd</td> <td>%</td> <td>0.000</td> <td>0.010</td> </tr> <tr> <td>Pb</td> <td>%</td> <td>0.000</td> <td>0.025</td> </tr> </tbody> </table>	Element	Unit	Min %	Max %	Cu	%	99.90	100.00	Cd	%	0.000	0.010	Pb	%	0.000	0.025
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Physical Properties:	<p>Working temperature: 1085 (°C)</p> <p>Melting range: 1085 - 1085 (°C)</p> <p>Tensile strength: 205 - 210 (MPa)</p> <p>Viscosity range: 100000 - 140000 (cP)</p> <p>Metal content: 74.00 - 76.00 (%)</p> <p>Binder Type: LB</p> <p>Gap width: 0,10 mm max</p> <p>Heat sources: Belt furnaces trough NH₃, H₂, N₂/H₂ atmosphere</p> <p>Dispensing/Application: Pneumatic or mechanical dispensing units</p>																
Storage:	The product have a long term storage life but store in a cool and dry place between 15 ~ 25 °C. Shelf-life 12 months																