

## Lord Adhesives Metech 3612 Gold Conductor Composition

Category : Polymer , Adhesive

**Material Notes:**

Gold conductor composition 3612 is a mixed bond conductor designed for use in chip and wire bonding applications and for use in manufacturing multilayer interconnection circuitry. The composition fires at 850°C to a dense, pin-hole free film with typical fired thickness of 9-11 microns. The vehicle system permits resolution of 125 micron lines and spaces. All information provided by Lord.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Lord-Adhesives-Metech-3612-Gold-Conductor-Composition.php](http://www.lookpolymers.com/polymer_Lord-Adhesives-Metech-3612-Gold-Conductor-Composition.php)

Physical Properties	Metric	English	Comments
Brookfield Viscosity	190000 - 240000 cP @Temperature 25.0 °C	190000 - 240000 cP @Temperature 77.0 °F	HBT, Spindle #SC4-14 @ 10rpm
Thickness	9.00 - 11.0 microns	0.354 - 0.433 mil	Fired

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	<= 0.0025 ohm	<= 0.0025 ohm	

Processing Properties	Metric	English	Comments
Shelf Life	12.0 Month @Temperature 25.0 °C	12.0 Month @Temperature 77.0 °F	

Descriptive Properties	Value	Comments
Coverage (cm <sup>2</sup> /gm)	65-70	Calculated from 50 micron wet film; Fired at 850°C with a 10-minute dwell time
Line Resolution (microns)	125	
Wire Bond Strength (grams)	8-10	Thermosonic Gold, Initial

## Contact Songhan Plastic Technology Co.,Ltd.

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