

## Cotronics Duralco™ 132 500°F (260°C) Aluminum Filled Epoxy

Category : Polymer , Thermoset , Epoxy , Epoxy , Thermally Conductive

### Material Notes:

Aluminum filled epoxy that cures at room temperature to form machinable, thermally conductive bond lines. High heat transfer. Can be supplied as a "non-sag" putty. Applications: heat tacking, heat transfer, and heat sink applications, i.e. bonding copper coils to vessels to provide for rapid heating and cooling for critical chemical processes.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Cotronics-Duralco-132-500F-260C-Aluminum-Filled-Epoxy.php](http://www.lookpolymers.com/polymer_Cotronics-Duralco-132-500F-260C-Aluminum-Filled-Epoxy.php)

Physical Properties	Metric	English	Comments
Viscosity	22000 cP	22000 cP	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	5.76 W/m-K	40.0 BTU-in/hr-ft <sup>2</sup> -°F	
Maximum Service Temperature, Air	260 °C	500 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+6 ohm-cm	1.00e+6 ohm-cm	

Processing Properties	Metric	English	Comments
Cure Time	960 - 1440 min	16.0 - 24.0 hour	
	@Temperature 93.3 °C	@Temperature 200 °F	

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