



## ESL EUROPE

SOLDER PASTES &  
THICK-FILM MATERIALS

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# SOLDER PASTE

# 3720

## Tin-Bismuth Solder Paste - Lead Free\*

3720 is a tin / bismuth solder paste designed for applications requiring low temperature soldering.

### PASTE DATA

<b>Solder Alloy:</b>	42Sn / 58Bi
<b>Particle Size:</b>	-200 / +325 mesh
<b>Viscosity:</b> (Brookfield RVTD, Helipath Stand, 5 rpm, TF spindle, 25.5 ± 0.5 °C)	600 ± 50 Pa.s
<b>Solids:</b>	87 ± 1.0 %
<b>Eutectic Temperatures:</b>	138 °C
<b>Reflow Temperature:</b>	Standard reflow profile
<b>Flux:</b>	Rosin Mildly Activated
<b>Flux Removal:</b>	Limonene (Bioact EC-7)

ESL Europe 3720 0507-C

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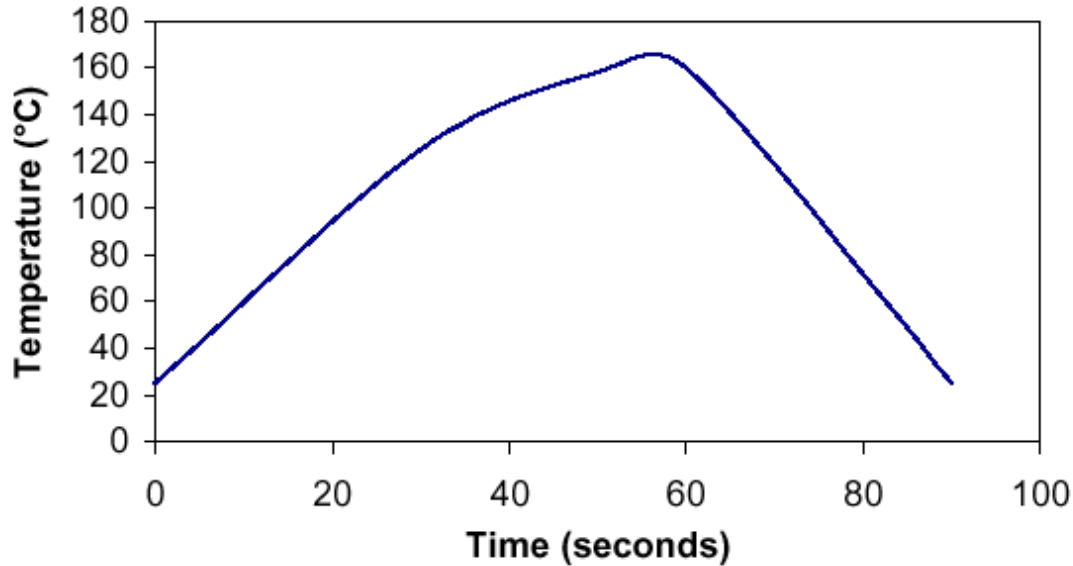
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See Caution and Disclaimer on next page.

## 3720 Typical Reflow Profile (PASSAAT CONVECTION)



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\*Complies with RoHS

**CAUTION:** Proper industrial safety precautions should be exercised in using these products. Use with adequate ventilation. Avoid prolonged contact with skin or inhalation of any vapours emitted during use or heating of these compositions. The use of safety eye goggles, gloves or hand protection creams is recommended. Wash hands or skin thoroughly with soap and water after using these products. Do not eat or smoke in areas where these materials are used. Refer to appropriate MSDS sheet.

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