

Laser Welding

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- Thermoplastic Welding

- ◆ Pass light through the transmissive (clear) layer to melt the absorptive material (grey).
- ◆ Understand the depth and width of the weld along with correlation to strength

- MAJOR OBSERVATIONS

- ◆ Weld width clearly measured
- ◆ Clear difference between transmissive and absorptive layers
- ◆ Tough to determine the weld depth
- ◆ Below is a picture of the cross-sectional area

