



Guideline

Heat deflection for polycarbonate trays

Heat Deflection Temperature: 270 degrees Fahrenheit

Continuous Use Temperature (= 24/7): 180 degrees Fahrenheit

Intermittent Use Temperature: 257 degrees Fahrenheit

Definitions and Notes

- 1) Intermittent can mean long time periods like 24 hours. Intermittent requires temperature cycles to move up and then back down.
- 2) Note: At temperatures material can heat age over time. The material becomes more brittle or discolours with use. Heat aging may also make material more sensitive to chemicals and force.

Disclaimer

This information is presented from the source manufacturer and is deemed to be reliable. However it is intended as a guideline. It is the sole responsibility of each buyer to make their own independent tests and decisions about whether any of these plastics are suitable for their packaging solution prior to purchasing. Design impacts use and deflection as well as resin type and gauge. Polycarbonate tray samples are available for review and evaluation.

For additional information on polycarbonate including quotes and test samples, contact Engineered Components & Packaging, LLC. Customer Service: Phone - 585-204-6770
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