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Extrusion Trials

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In an extrusion characterization test, be sure you wait long enough after each change for equilibrium to be established. The time you wait to take data is most important for accurate melt temperature measurements.

With modern temperature control systems, you should expect to wait approximately 5 to 6 minutes for each inch of screw diameter for full thermal equilibrium to be established, e.g., 50 60 minutes for 10 inch diameter screw. You can check this by following melt temperature or die pressure changes with time.

See also:

- [Data collection 1](#)
- [Extrusion data sheets](#)
- [Melt temperature](#)
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