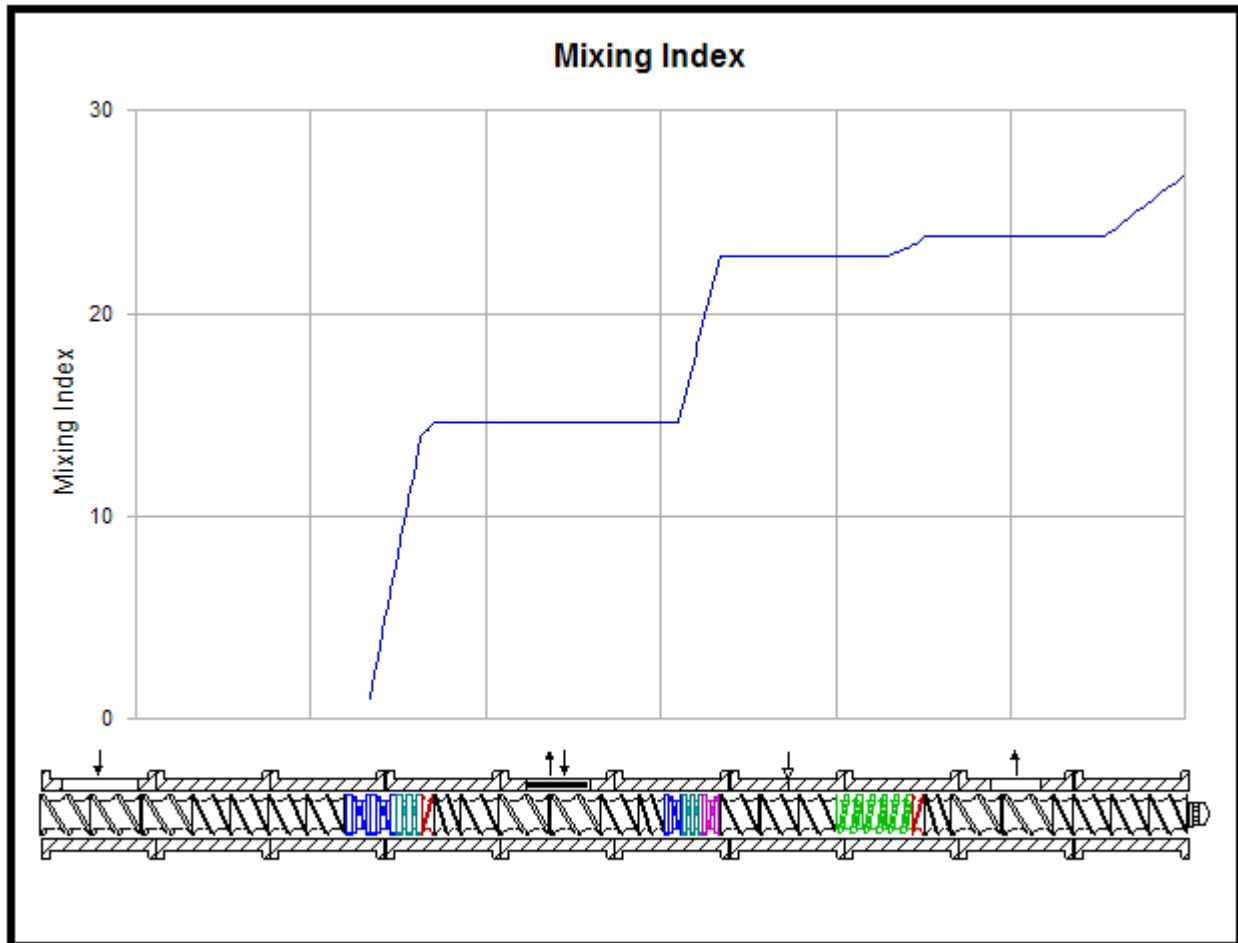


PolyTech

Presents

WinTXS™

Twin-Screw Extrusion Simulator



Represented by: Extrusion Technical Services, Phone USA 570-992-0961 email: tomcun@ptd.net
Demonstration software available!

Twin-Screw Extruder Simulator (TXS™)

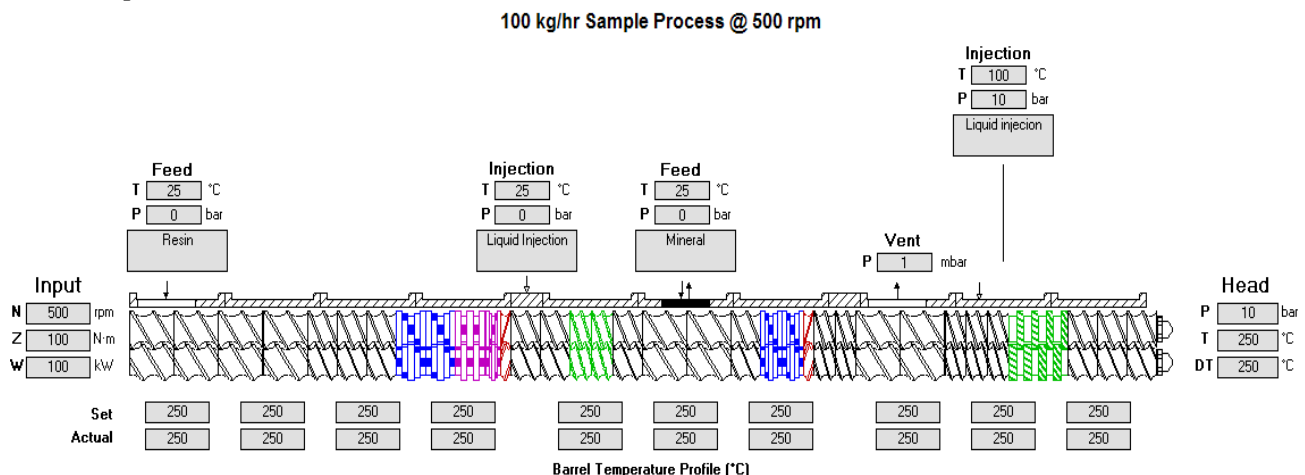
Simulate a variety of compounding operations: production of filled and reinforced compounds, color concentrates, etc. Support for multiple feed and vent ports, pelletizing dies with breaker plates and screen packs, mixing elements such as kneading blocks (including eccentric trilobes), blister rings, gears and turbines, slotted-screw mixing elements, etc.

Some of the main features of TXS are:

- ✓ Fully graphical extruder configuration.
- ✓ State of the art simulation models.
- ✓ Easy setup of operating conditions.
- ✓ Wide range of processing setup and calculation options.
- ✓ Ultra-fast simulation engine.
- ✓ Quick modification and re-simulation.
- ✓ Rule-based "expert system".
- ✓ Summary of results.
- ✓ Axial plots of one or multiple simulations.
- ✓ Interactive heat transfer and mixing analysis tool.
- ✓ Materials database editor.
- ✓ Extruder database editor.
- ✓ Multiple output options.

Multiple Uses:

- Test processing concepts
- Trouble shoot
- Optimize
- Scale-up
- Improve quality
- Document
- Train operators



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