



OVATION POLYMERS

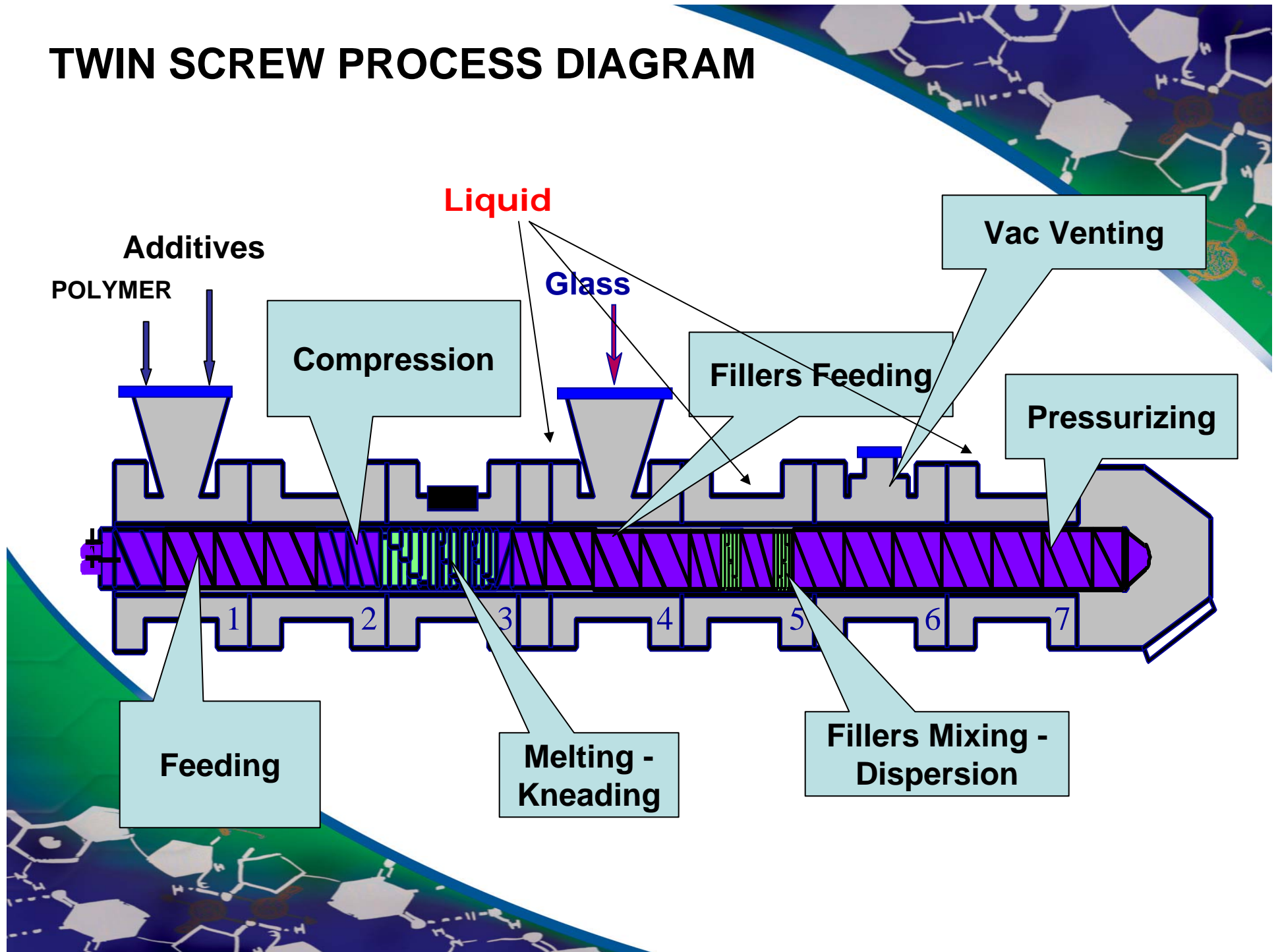
Ovation Polymer Technology & Engineered Materials

Compounding

Polymer

Solutions

TWIN SCREW PROCESS DIAGRAM



R & D LABORATORY

Process Laboratory

Berstorff ZE-25 Twin Screw Extruder
Brabender Loss-in-Weight Feeders
Inventa Single Screw Line
Berstorff ZE-52 Pilot Twin Screw Line



TEST LABORATORY

- FTIR
- DSC-TGA
- Color Spectrophotometer
- UTM
- Impact
- HDT
- MFI
- Specific Gravity
- % Ash
- Moisture Analyzer

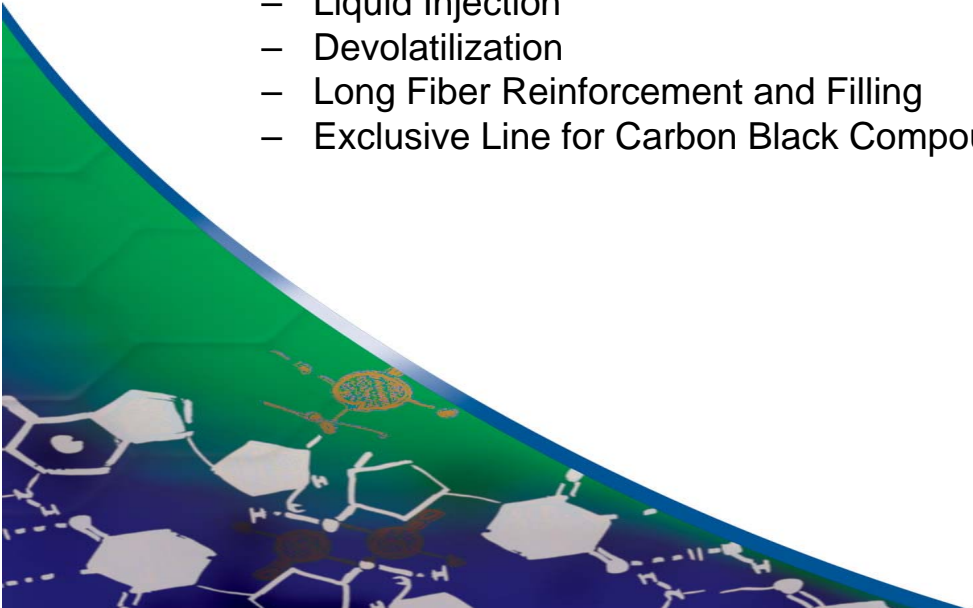
CORE COMPETENCIES



Polymer Chemistry

- Nano – Engineered Molecules with Functional Properties
- Alloys & Blends
- Conducting Polymer Compounds
- Surface Science, UV and Color Technology
- Fire Science and Thermal Chemistry
- Barrier Materials Technology

Compounding and Reactive Extrusion Process Technology

- Grafting, X-linking, IPN, Functionalization
 - Liquid Injection
 - Devolatilization
 - Long Fiber Reinforcement and Filling
 - Exclusive Line for Carbon Black Compounding
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OVATION POLYMERS

Ovation Polymer Technology & Engineered Materials

COMPETENCY –

Compounding & Reactive Extrusion

Formulations & Product Chemistry

Rapid Response

High Efficiency