

MINIFIBERS, INC.

AVOID CASTING DEFECTS & MOLD EXPLOSIONS

Ensure Proper Mold Exhaust & An Even Casting Structure

- ✓ Reduce Thermal Stress & Control Gas Porosity to Minimize Cracking
- ✓ Exhaust Volatiles & Vapors to Reduce Pinholes, Cold Shut, Stomata & Cavities
- ✓ Reinforce & Reduce Wastage Rate

VENTYLENE™ | SHORT STUFF® | REFRAC™

CONTACT US

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WE TAKE THE HEAT WITHOUT CRACKING

VENTYLENE™ PE

Polyethylene fiber that melts at 124°C.

When included in your mold structure, melts quickly & allows moisture vapors & volatile gases to escape, preventing casting explosions.

SHORT STUFF® FIBRILLATED HDPE

An HDPE additive that melts at 135°C.

Reduces sag for a consistent, even casting structure & reduces potential for fragmentation in finely detailed areas of the mold.

REFRAC™ PP

Polypropylene fiber that melts at 165°C.

Reinforces & improves fire proof materials by optimizing stress distribution & providing stronger cohesion of the matrix. The fibers melt to form microscopic paths for steam to escape, helping to prevent explosive spalling.

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WWW.MINIFIBERS.COM