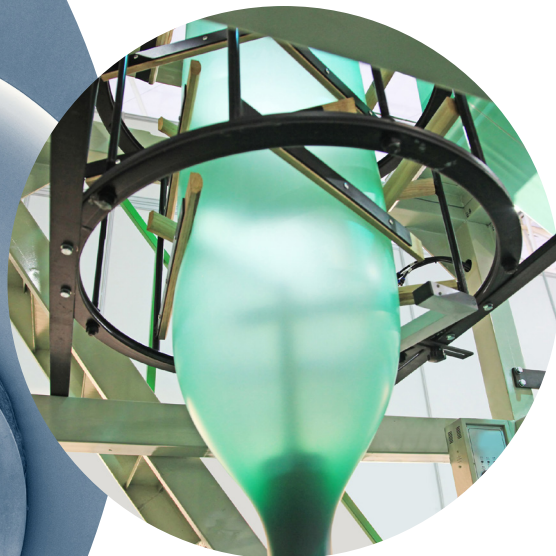


ENABLING TECHNOLOGIES

HITERRA™ T5



HITERRA™ T5

HiTerra™ T5 is a non-PFAS polymer process aid (PPA) that eliminates safety and environmental concerns and restrictions of PFAS while meeting the new EPA guidelines. This new development solves the issue of melt fracture and die-lip build-up and is compatible with other traditional performance additives.



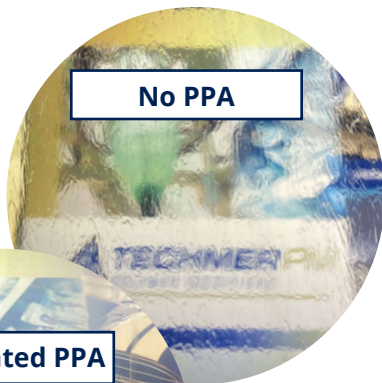
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HITERRA™ T5



No PPA



Fluorinated PPA



With HiTerra™ T5



NON-PFAS PPA

The Environmental Protection Agency set forth a strategic roadmap to address the contamination and safety hazards associated with PFAS. This resulted in EPA proposing new restrictions on various PFAS and their uses after classifying these chemicals as hazardous.

Techmer PM's HiTerra™ T5 is a new polymer processing aid that addresses the safety concerns and restrictions of PFAS while meeting the new EPA guidelines mentioned above. This new development solves the issue of melt fracture and die-lip build-up and is compatible with other performance additives.

PFASs are called “the forever chemicals” and do not easily break down.

They may be found in certain firefighting foams, textiles (including carpets, furniture, and clothing), cosmetics, and food packaging materials.

PFAS CONCERNS & RESTRICTIONS

Potential adverse health effects in animals and humans

- Reproductive effects
- Developmental effects
- Reduced immune response
- Interference with body's natural hormones

HiTerra™ T5 is a non-fluorine-based polymer process aid specifically designed to increase efficiency and improve product quality when running polyolefin resins for extrusion processes.

HiTerra™ T5 allows plastic film producers the ability to exclude the use of fluorinated chemicals while maintaining the integrity and quality of their products.

BENEFITS

- Operational Efficiency
- Elimination of Melt Fracture
- Operating Pressure Reduction
- Minimized Gel Formation
- Decreased Die-lip Build-up
- Compatibility With Other Performance Additives

WHAT ARE PFAS?

Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS) are a group of chemicals that are defined as containing at least one fully fluorinated methyl or methylene carbon atom.

There are thousands of PFAS chemicals, and some have been widely used in consumer products since the 1940s for their properties.

HITERRA™ T5 APPLICATIONS

- Blown film extrusion
- Cast film extrusion

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