

CargillTM IncrofloTM P50



The clear FPPA
alternative

Performance. Clarity. Compliance.

Meet the next-generation alternative
to fluorinated polymer processing aids
(FPPAs) for polyolefins.

Cargill™ Incroflo™ P50 additive

Start with the right chemistry

Today's LLDPE film producers are under increasing pressure to maintain high film quality, process stability, and throughput while addressing the increasing regulatory risks of using FPPAs.

The solution? An FPPA alternative that delivers the same high performance and film clarity you expect, without the trade-offs: **Cargill's Incroflo P50 additive.**



Incroflo™ additives deliver where the alternatives fall short:



Lower dosage rates



Solid pellet for easy handling



Resolves film defects and quality issues



Consistent processing results

With Incroflo P50, the difference is clear

Incroflo P50 additive is a next-generation processing aid formulated specifically for LLDPE film producers. Developed as an alternative to traditional FPPAs, it eradicates sharkskin defects, delivers superior process stability, and boosts throughput.

The difference is clear in smoother films and enhanced processing efficiency.

What is sharkskin?

This common melt fracture defect in LLDPE film creates ridges in the film's surface, degrading clarity and quality.

Side-by-side comparison with and without our additive





Designed for high-performance polymer processing

Cargill developed Incroflo™ P50 additive to perform in demanding extrusion environments where melt fracture, flow instability, and surface quality are make-or-break factors.

Key benefits of Incroflo P50 additive include:

- Maintains surface integrity across a range of LLDPE grades
- Eliminates surface defects, such as sharkskin, that slow down lines and reduce film quality
- Boosts output by > 5%, with no increase in dosage
- Ensures stable melt flow with lower die pressure
- Avoids handling issues common with liquid alternatives



Formulated for what's next

PFAS restrictions aren't a future concern—they're already reshaping sourcing and additive strategies globally. Incroflo P50 additive gives LLDPE film producers a proven solution to transition away from FPPAs and avoid reactive reformulation.

Incroflo P50 additive supports:

- Regulatory compliance
- Operational continuity
- ESG goals

Technical specifications:

- Pellet format: compatible with masterbatch, direct dosing, or compounding systems
- 86% bio-based carbon content*
- Non-hazardous classification**
- No intentionally added halogens, silicones, or PEG
- 100% active ingredient: no carrier resin, no dilution

*Calculated per ASTM D6866

**According to Regulation (EC) No. 1272/2008 and 29 CFR 1910.1200



Next-gen innovation: the Cargill advantage

Cargill's specialty additives group brings decades of deep technical experience, advanced R&D capabilities, and a proven track record in delivering advanced material solutions. Here's what that means for our customers:

- R&D centers in the United States, United Kingdom and China
- Proven industry partnerships across regions and applications
- Trusted global logistics and sourcing infrastructure
- Expert guidance for changing regulatory landscapes

We partner with manufacturers globally to ensure performance, compliance, and supply continuity at scale.



Learn more at cargill.com/incroflo
or email us at polymeradditives@cargill.com

Future regulations are coming fast. **Make sure your product development is ready.**

Transition away from FPPAs efficiently and confidently with Incroflo™ P50 additive.

Cargill™

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