



Product sheet

PFAS FREE PPA

PPA Processing Additives Without PFAS – Advanced Solutions for Film Blowing

GM Color offers high-performance, PFAS-free and silicone-free processing additives. These products are designed for polyolefin processing, especially for blown film applications. Thanks to their innovative formula, the PFAS-free PPA additives meet sustainability goals and are completely safe for the environment.

Applications

Addi-Pro PFAS-free concentrates will become the standard in the production of stretch films and other packaging films requiring high-quality surfaces by 2026.

Technical support

We provide technical assistance at every stage:

- Product Recommendation – Selecting the optimal solution for your needs
- Product Implementation – Support during the integration process
- Post-Production Support – Assistance after deployment for continuous improvement

Benefits

Safety and compliance with new regulations – free from perfluoroalkyl and polyfluoroalkyl substances, siloxane, and alkylphenols

Elimination of surface defects – no “sharkskin” effect and reduced gel content, improved optical properties

Process stability – reduced internal friction and lower flow resistance, resulting in more uniform film formation and minimized balloon fluctuations during the blow molding process

Reduced startup time – faster removal of melt degradation

Increased efficiency (kg/h) – improved processing and less frequent machine cleaning due to the elimination of deposits on the die head

Stable MFI

Lower production costs – effective process stabilization, lower energy consumption (extrusion at lower temperatures without melt degradation)

Reduced die head pressure

No migration or Plate-Out/Bloom effect – prevents surface hazing



Fig. 1 Film before the additive application



Fig. 2 Film after the application of PFAS FREE PPA additive