

○.....PFAS- and silicone-free Masterbatch

Proven effect at large scale.....○

○.....Regulatory Compliance

Improvement of  
product quality and  
production efficiency.....○



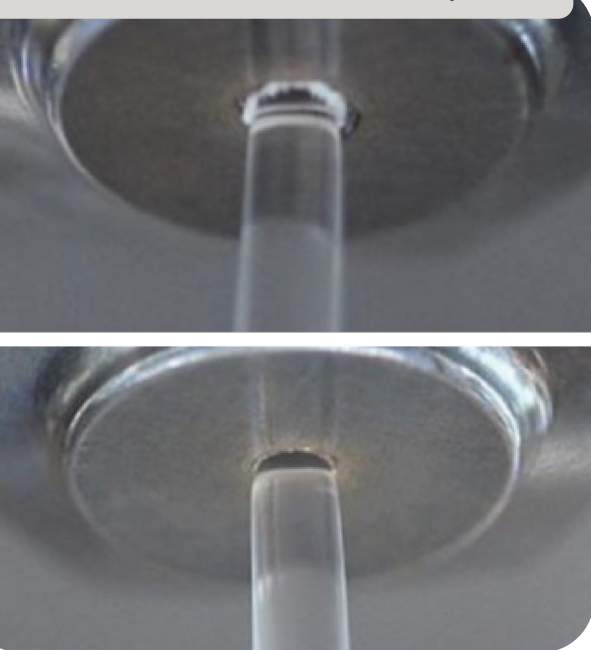
# PFAS-FREE PPA

# BRINGING LIFE *to plastics*

Polymer Processing Aids (PPAs) are versatile additives that can increase processing efficiency while simultaneously improving product quality in extrusion applications such as blown films, cast films, fibers, tapes and pipes.

Gabriel-Chemie expands its portfolio with innovative **PFAS- and silicone-free PPA Masterbatches** based on **hydrocarbon technology**, offering high-performance solutions for modern extrusion applications. The products were specifically developed to optimize processing properties in extrusion while simultaneously meeting current regulatory requirements (e.g. the Packaging and Packaging Waste Regulation)

## Prevention of die build-up



## The Masterbatches enhance processing by:

Preventing die build-up

Reducing pressure and friction within the extruder

Enhancing process stability

Preventing melt fracture in blown films

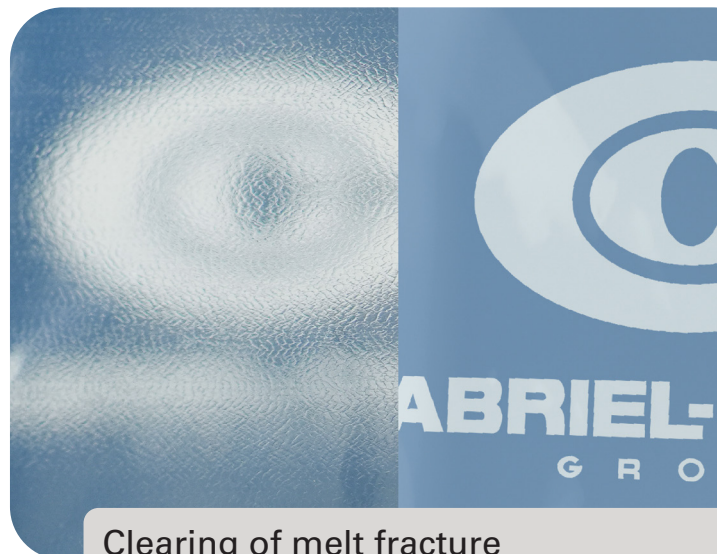
Increase of output

Increasing film transparency, smoothness and ensuring constant film thickness

Several PFAS-free PPA Masterbatches are already being used in industrial applications and comply with current regulatory requirements, including food contact regulations.

With its expanded PPA portfolio, Gabriel-Chemie offers future-oriented solutions based on polyethylene and polypropylene carriers, enabling high process reliability and consistent product quality.

At the same time, the PFAS-free technologies support customers in ensuring a smooth transition to upcoming regulatory requirements.



## Clearing of melt fracture