

# Non-Fluorinated Polymer Processing Aid (NF-PPA)

A Fluoropolymer Alternative



## Introducing the Next-Generation PE NF-PPA Technology

Developed through years of innovation and close collaborations with film manufacturers, our next-generation NF-PPA sets a new industry benchmark—delivering seamless NF-PPA integration into resin formulations, compatible with different film structures and applications. Our NF-PPA is leading the charge in adapting to evolving regulations that eliminate fluoropolymer usage, ensuring minimal manufacturing disruption and a smooth transition to meet new regulatory compliance standards.

### High quality and consistency



Deliver the same high-quality resins, with consistent production—now fluoropolymer-free—**EMPOWERING YOU TO OPERATE AT YOUR BEST.**

### Broad regulatory compliance and approval



Your customers seek compliance with regulations and responsible products—**STRENGTHENING BRAND REPUTATION AND TRUST.**

#### CUSTOMER TESTIMONIALS:

*"Since switching to NOVA's next-generation NF-PPA, we've significantly reduced downtime. We're now running for weeks without needing to shut down for die-lip buildup cleaning—compared to a day or so with the first-generation NF-PPA."*

— Film Producer

*"Our experience with FP120-D has been highly positive—it's running smoothly with no signs of swirling or melt fracture."*

— Film Producer

Reliable supply through diversified geography.

#### ALBERTA, CANADA

- Joffre Manufacturing Site

#### ONTARIO, CANADA

- Rokeby Manufacturing Site

# Non-Fluorinated Polymer Processing Aid



We've preserved the high-quality resins and consistent production you depend on—now completely fluoropolymer free—to perform under the most demanding conditions, delivering stable frost line control, minimized melt fracture, reduced die-lip buildup, and predictable slip and coefficient of friction performance.

- ✓ NOVA's next-generation NF-PPA exhibits significant process stability with no screw slippage or surging, and a stable frost line with consistent gauge control.



NF-PPA Consistent Processing Stability

- ✓ NOVA's next-generation NF-PPA significantly reduces downtime by extending preventive maintenance by minimizing die-lip buildup.

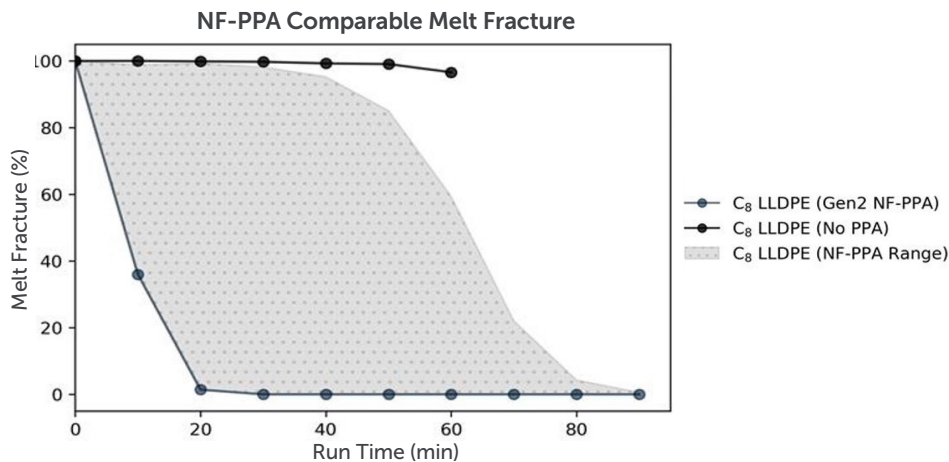


Fluoropolymer PPA—  
No Significant DLBU



NOVA's Next Generation NF-PPA—  
No Significant DLBU

- ✓ NOVA's next-generation NF-PPA is delivering comparable melt fracture clearing and optics relative to fluoropolymer technologies.



NOVA has secured broad regulatory approvals for its next-generation NF-PPA resin technology—including North America, Latin America, the European Union and China—and continues to obtain additional global regulatory approvals.



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to be our customers'  
first and best choice.

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Broad regulatory compliance in multiple regions, including: North America, MERCOSUR/ANVISA, European Union and China.