

SCLAIR® FP120 Series

High-Performance Octene LLDPE

Our most versatile blown film resin

FP120 Series | 1.0 MI | 0.920 g/cm³ Density | Ziegler-Natta Catalyst

FP120 is the perfect choice for versatility and performance. It's easy to process, provides a broad sealing window, and superior consistency and quality making it a go-to resin for many applications.

**Suitable for
a wide range of
applications**



Product offers balanced properties of **TOUGHNESS**, **STIFFNESS**, **OPTICS**, and **SEALING**.

**Best-in-Class
Non-Fluorinated
Polymer Processing Aid
(NF PPA) technology**



Eliminates melt fracture and prevents die lip buildup which greatly **REDUCES DOWNTIME**.

**Consistent quality,
every time**



The Advanced SCLAIRTECH™ proprietary process ensures **LOW GEL LEVELS** and **EXCELLENT ORGANOLEPTIC PROPERTIES** — setting the industry standard.

APPLICATIONS:

A wide range of blown film applications including food packaging, heavy duty sacks, industrial films, and specialized shrink films made via the double-bubble process.

Reliable supply through diversified geography.



SCLAIR® FP120 Series

Suitable for a wide range of applications



- ✓ Our #1 best-selling product grade
- ✓ Backed by over 50 years of polyethylene R&D expertise
- ✓ 25 years of Advanced SCLAIRTECH™ technology

Best-in-Class NF PPA technology



- ✓ Prevents melt fracture
- ✓ Not antagonistic with migratory additives such as slip
- ✓ Robust solution provides flat frost line and improved gauge profile

Consistent quality, every time



- ✓ At-line quality process provides 24/7 real-time data collection vs. traditional methods
- ✓ Continual sampling of MI, density, additives every 2 minutes guarantees consistency
- ✓ NOVA's Perfect Batch methodology drives our quality culture

FP120 is available in a variety of additive packages to meet the needs of the end use application.

All FP120 grades are non-fluorinated. This advanced technology has performed well under various conditions, including different film lines and formulations. It provides better melt fracture suppression, results in flatter film due to better bubble stability and stable frost lines, and displays minimal buildup, which greatly reduces downtime compared to other non-fluorinated PPA technologies.

Variant	PPA	Slip	AB	Benefit
FP120-A	No	–	–	Barefoot
FP120-AS/S	No	–	–	High Antioxidant and Lubricant
FP120-BN	No	1000	2500	Slip and Anti-Block / Non-Gas Fading
FP120-C	Yes	–	–	Enhanced PPA for Demanding Applications
FP120-CE02	Yes	–	–	Enhanced Stabilization / Recycle Ready
FP120-CN02	Yes	–	–	Gas Fade Resistance
FP120-D	Yes	1000	2500	Slip, Antiblock
FP120-DD	Yes	1000	2500	Drug Master File (DMF) Approved
FP120-F	Yes	–	3000	Anti-block, Polymer Process Aid

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We're reshaping plastics to be our customers' first and best choice.