



Exceed™ Stiff+ Exxtra™ Seal Exceed™ ExxonMobil™ LD



Colines creates an innovative pouch, designed for recyclability* with cast calender MDO PE + 9-layer blown barrier film using ExxonMobil Signature Polymers

Created using 9-layer blown barrier film extrusion offering a wide sealing temperature window and excellent final pouch performance.

 Designed for recyclability*	 Maintains packaging integrity	 Optimized for packaging lines	 Excellent sealability
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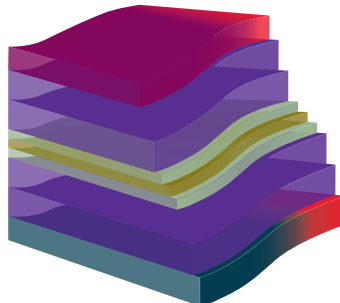
Data and results presented herein apply specifically to the noted application under this machine run sheet. Your results may differ depending on factors such as operating conditions, equipment and materials used.

Polymer properties	Exceed™ m 2018.MA	Exceed™ Stiff+ m 0926.ML	Exxtra™ Seal POP 2008.MK	Exceed™ Stiff+ m 0238.RA	ExxonMobil™ LD 07523.BW
Melt Index (MI) g/10 min (190 °C/2.16 kg)	2.0	0.85	2.0	0.2	0.75
Density (g/cm³)	0.918	0.926	0.908	0.938	0.923

Data from tests performed by or on behalf of ExxonMobil.

Thickness: 80 µm

- Exceed™ m 2018.MA
- ExxonMobil™ LD 07523.BW
- Exceed™ Stiff+ m 0926.ML
- Exceed™ Stiff+ m 0238.RA
- MPB Coesive® L600F
- SoarnoL™ DC3203 RC
- Exxtra™ Seal POP 2008.MK



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*Designed with features intended to support recyclability. Actual recyclability depends on factors such as local collection, sortation, and recycling infrastructure, as well as the condition and configuration of the film after use. However, access to facilities that accept and process plastic film is limited and not widely available.



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POLYBLOWN® 9-layer (2600 mm)

Equipment:

- Configuration: 9 extruders, 9-layer (ABCDEFGHI)
- Extruders with L/D ratio: 34 with new screw design for perfect metering
- Gravimetric unit DOTEKO GRADO-Adroit
- COLINES® brand new TS 946 die (diam 550 mm)
- IBC control device
- K-DESIGN double lip POWERFLOW air-ring with integrated gauge control system
- Primary bubble cage
- Optical/capacitive no-contact thickness measuring system
- Secondary bubble cage
- Oscillating haul-off unit with collapsing frame
- Web guide system
- Double side and single side corona treater stations
- ACW-AD double station automatic winder

Performance:

- Thickness range: 20-200 µm
- Max output: up to 800 kg/h
- Max lay-flat: 2500 mm
- Symmetrical/Asymmetrical barrier film
- Single/Double barrier film
- Film for deep thermoforming
- Barrier and non-barrier application

