



Exceed™ Tough+ Exceed™ Flow Exceed™ Tough ExxonMobil™

Cast lidding film with improved needle puncture and sealing properties



Low sealing initial temperature and good seal-through contamination performance



Excellent needle puncture and packaging integrity



High optics performance



Improved processability

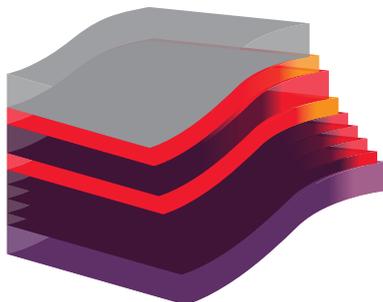
Polymer properties	Exceed™ Tough+ m 1415	Exceed™ Flow m 1716	Exceed™ Tough m 3812	ExxonMobil™ C4LL 2018	Test method* (based on)	Unit
Melt Index (190 °C/2.16 kg)	1.4	1.7	3.8	2.0	ASTM D1238	g/10 min
Density	0.915	0.916	0.912	0.918**	ASTM D792	g/cm ³

* For detailed product information, please consult the individual grade data sheet, available on our website: www.exxonmobilchemical.com. Values given are typical and should not be interpreted as specifications. Data generated by or on behalf of ExxonMobil Product Solutions.

** Test method based on ASTM D1505.

Thickness: 75 µm

- Exceed™ Tough+ m 1415
- Exceed™ Flow m 1716
- Exceed™ Tough m 3812
- ExxonMobil™ C4LL 2018
- Tie MB
- PA



Scan for more information

For more information: exxonmobilchemical.com/pe

What's new: ExxonMobil Signature Polymers

All our polymers are now positioned under a single portfolio brand: Signature Polymers. The aim is to simplify our product architecture and naming to improve portfolio navigation for you. We would like to stress that our commitment to high quality products remains the same. The composition of the products remains the same, it is the names that change. We will be making these modifications over the next few months, through mid 2025, so you will see both old and new grade names highlighted during that time. Here's a quick overview of brands and grade names that have changed in this document:

Legacy Commercial Name	New Commercial Name
Enable™ 1617	Exceed™ Flow m 1716
Exceed™ 3812	Exceed™ Tough m 3812
ExxonMobil™ C4LL 2018	ExxonMobil™ C4LL 2018

Want to see what's changed in our portfolio?
Go to exxonmobilchemical.com/sptransform



9-layer co-extrusion cast film line

Model: M9L-2500

Machinery specifications:

9 layer co-extrusion	A	B	C	D	E	F	G	H	
Screw diameter	65	65	80	65	60	65	55	80	mm
Max. extrusion throughput	80	100	180	80	70	80	60	180	kg/h
	830								kg/h
Max. film width	2400								mm
Die lip size	2800								mm
Film structure	A(PA)/B(tie)/C(PE)/B(tie)/D(PE)/E(PE)/F(PE)/G(PE)/H(PE)								mm
Applicable processing materials	PP, PE, EVA, POE, PA, EVOH, etc.								

Cast film co-extrusion machine line is Jinming's high-intellectualized and high-performance series with features of high-output, high-automatization and superior thickness deviation, etc. Besides, it has a good adaptability of resins, which meets customers' needs on high quality and high output.

Extruders: Based on more than 30 years' designing experience, by velocity test for various processing materials, rheological simulation for screw, JM has developed a serial of low temperature extruding systems for processing of different materials, which can effectively decrease melt extruding temperature and shear rate. Therefore, it is good for improving film physical performance and decrease unit energy consumption.

Feed Block & T-die: The feed block and T-die adopt floating layer designing with extrusion capacity is adjustable. They have short 3D melt channels without dead angle. It equips with single-material trim wrapping system, which will effectively reduce waste of trim from expensive materials. Through optimization of running parameters, it has solved technical problem of trim wrapping for PA, EVOH etc. materials.

Electrical Control System: It equips with Siemens centralized computer control system. Through PLC, it integrated control extruder temperature, transition unit, winder, trim collection unit and roll temperature etc. It uses imported Germany high precision temperature control. This system is easy for operation and displayable on touch screen, where parameters that can be set, changed or checked.

