



Value-added hygiene compression packaging films

ExxonMobil performance polyethylene resins offer solutions with an outstanding combination of stiffness and toughness, optical properties and excellent machinability. They allow the production of thinner, stronger compression packaging films, compared to existing market alternatives, ensuring product quality and integrity from packaging to the consumer, and offering opportunities for cost optimization.

<p>Easy processing and higher output</p>	<p>Excellent package integrity & high gloss</p>	<p>Significant downgauging potential</p>
<p>Excellent toughness/stiffness balance</p>	<p>Excellent sealing performance</p>	<p>Opportunities for cost optimization</p>

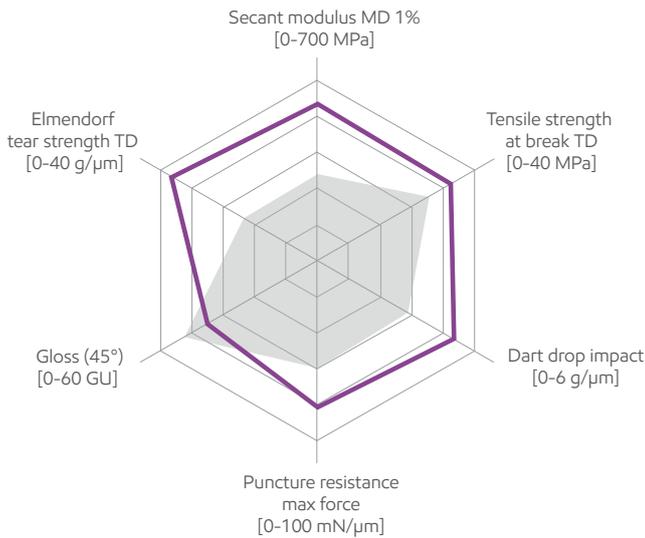
Delivered attributes	Derived benefits & potential value
<ul style="list-style-type: none"> Improved processability 	<ul style="list-style-type: none"> exceptional melt strength increased output bubble stability
<ul style="list-style-type: none"> Excellent film performance 	<ul style="list-style-type: none"> packaging integrity excellent stiffness/toughness balance downgauging potential
<ul style="list-style-type: none"> Excellent shelf appearance 	<ul style="list-style-type: none"> increased visibility in retail

Suggested uses

Products requiring tight, secure and sustainable compression packaging such as:

- Baby diapers
- Adult incontinence products
- Feminine hygiene products
- Insulation rolls

Compression packaging films



5-layer 30 µm	5-layer 38 µm
MAC-200085	MAC-200849
Exceed XP 8358 Enable 4002 HDPE LDPE	Reference film

Packaging integrity for optimum product security

By using ExxonMobil performance polyethylene in your formulation you can now produce thin film gauges that were not possible previously, while maintaining or improving package performance. With these polymers, compression packaging films offer improved stiffness and tensile strength compared to conventional market alternatives. You can create thinner, stronger secondary packaging films that ensure your products are tightly packaged and secure.

Polymer properties	Exceed™ XP 8358ML	Enable™ 4009MC	Enable™ 4002MC	ExxonMobil™ HDPE HTA 002HDS	Test method (based on)	Unit
Melt index (190°C/2.16kg)	0.50	0.90	0.25	0.68*	ASTM D1238	g/10 min
Density	0.918	0.940	0.940	0.952	ASTM D1505	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 Chemical.

*Test method: 190°C/5.0 kg

Excellent sealing performance

ExxonMobil performance polyethylene resins allow the fabrication of high performing compression packaging films with outstanding sealing properties that help converters and brand owners to maximize packaging speed and product output in downstream equipments like wicketing machines.

High gloss for shelf appeal and vibrant graphics

Manufacturers can now produce compression packaging films with greatly improved optical properties. The high gloss allows brand owners to create dazzling retail ready graphics that promote their brands in-store.

Cost optimization

ExxonMobil performance polyethylene resins provide excellent processability for consistent film production, high-speed operations and high output. Value can be achieved across the value chain through downgauging and performance improvements, compared to conventional films. Manufacturers will benefit from lower resin and energy consumption in package creation as a result of these downgauging opportunities. Less manufacturing and post-consumer waste can be realized because of high integrity compression packaging.



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exxonmobilchemical.com/performancePE

