ExxonMobil

Low density Exceed™ XP 7 performance polyethylene extends the extreme performance of thin stretch hood films (even without HEVA)

Exceed XP 7 grades extend the extreme performance of stretch hood films by delivering remarkable mechanical properties with a combination of low density and fractional melt index (MI).

High holding force and elasticity | **Extreme puncture** | **Low haze with easy openability** | **Formulation simplification**

Exceed XP 7021 and Exceed XP 7052 performance polyethylene offer the value chain a combination of attributes — including levels of elasticity and holding force, puncture resistance, and low haze — currently unavailable in a single resin.

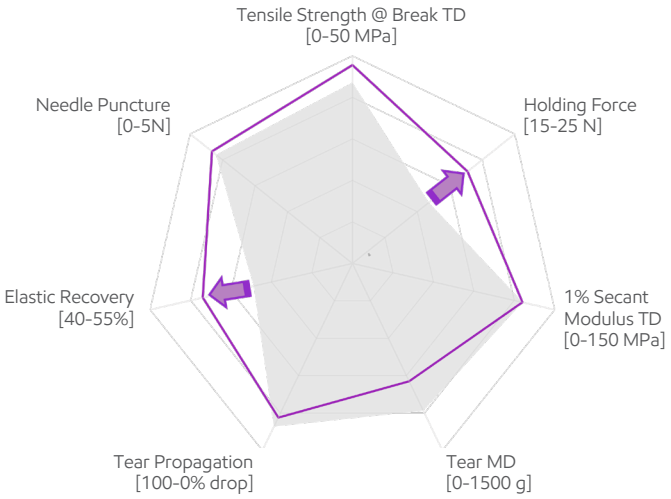
Beneficial attributes

- High elastic recovery and high holding force
- Bubble stability for good gauge profile
- Low haze with easy openability
- Extreme puncture resistance

Value

- High film softness, even without HEVA or plastomers
- Trouble-free hooding operations
- Enhanced pallet stability for better product protection and improved safety
- Improved barcode and QR code reading

3-layer 90 micron stretch hood film solutions based on Exceed™ XP 7052 performance polyethylene and Vistamaxx™ 6102 performance polymer offering enhanced elastic recovery and holding force are an attractive alternative to a 90 micron HEVA-based market reference.



	EVA reference 90µm	ExxonMobil solution 90µm
Ratio	1 / 3 / 1	1 / 3 / 1
Skins	Exceed™ 1018	Exceed XP 7052
Core	HEVA*	85% Exceed XP 7052 15% Vistamaxx™ 6102

* 17.5% VA, MI of 0.37 g/10 min and density of 0.94.
Data from tests performed by or on behalf of ExxonMobil.

Extend the extreme performance and processability of your stretch hood films using Exceed XP 7 performance polyethylene.

Grade	Melt index (g/10 min)	Density (g/cm³)	Slip / anti-block
Exceed XP 7021	0.20	0.911	No
Exceed XP 7052	0.50	0.912	No

Test item	Test method
MI (Melt Index)	Test method based on ASTM D-1238
Density	Test method based on ASTM D-4703 and ASTM D-1505/ISO 1183
Tensile at Break	Test based on ExxonMobil method
1% Secant Modulus	Test based on ExxonMobil method
Elmendorf Tear	Test method based on ASTM D-1922
Holding Force	Test based on ExxonMobil method
Needle Puncture	Test based on ExxonMobil method
Tear Propagation	Test based on ExxonMobil method
Elastic Recovery	Test based on ExxonMobil method

Why ExxonMobil PE? Why today?

tomorrow's **performance** today

What some might view as solutions that will only happen in the future, ExxonMobil PE is making possible today – through our innovative and reliable products, collaborative approach, technology leadership and support, and our unmatched global supply and resources. Learn more about how we're helping our customers create solutions with sustainability benefits. Why wait for tomorrow to advance your business today? Contact your ExxonMobil PE representative and begin experiencing tomorrow's performance today in your stretch hood films.

Contact us for more information:
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