

Exceed™ Exceed™ Tough Exceed™ Flow Vistamaxx™

ExxonMobil's innovative solutions portfolio helps enable high filtration efficiency

 <p>Finer fibers</p>	 <p>Chemical resistance</p>	 <p>High production efficiency potential</p>	 <p>Do more with less</p>
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Data and results presented herein apply specifically to the noted application under this fact sheet. Your results may differ depending on factors such as operating conditions, equipment and materials used.

High-efficiency filtration materials have become a new focus of competitive differentiation in recent years. Consumers' increasing awareness of high-quality lifestyle factors is driving demand for more efficient and durable filtering solutions. For converters, innovative filtering solutions can be a source of both competitive advantage and cost-effectiveness.

ExxonMobil's portfolio of nonwoven solutions, produced with polypropylene and Vistamaxx™ performance polymers, deliver performance and mechanical properties to help meet these evolving industry needs.

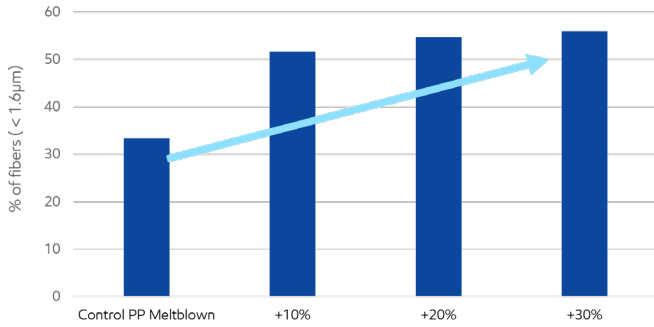
Grades	MFR (230°C / 2.16kg)	Product value	Supply availability
Vistamaxx™ 8880	1200 cp* (viscosity @ 190°C)	Increase MFR, enable finer fibers	Global
Exceed™ Flow PP6936G2	1550 g/10min	Metallocene PP, clean, with greater tensile	North America
Exceed™ Tough PP3684	14 g/10min	Strong tensile strength	Global
Exceed™ Flow PP3655E1	58 g/10min	High flow with consistent quality	Asia Pacific and EMEAF
Exceed™ PP3155E5	36 g/10min	Reliable production with consistent quality	Global

Create finer fibers

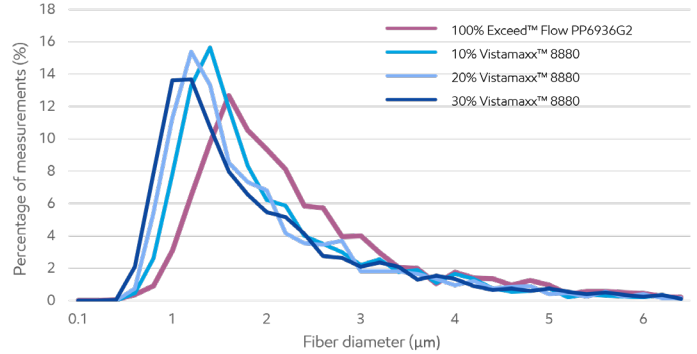
Exceed™ Flow PP6936G2 and Vistamaxx™ 8880 performance polymers work together to enable production of finer fibers, which can deliver both enhanced fabric strength and excellent filtration efficiency. In addition, this solution without peroxide helps promote a clean fabric. Exceed™ Flow PP6936G2 and Vistamaxx™ 8880 are ideal for products including:

- Masks
- HEPA (High-efficiency particulate air filter) air filters
- Sound-absorbing materials

Vistamaxx™ 8880 increase population of fine fibers



Vistamaxx™ 8880 enable fiber distribution shift to finer fibers



Fabrics made on single M beam Reicofil® line at 25 gsm

Data traceability: BCT-201601.0177-01, BCT-201601.0177-02, BCT-201601.0177-03

Better chemical resistance and do more with less

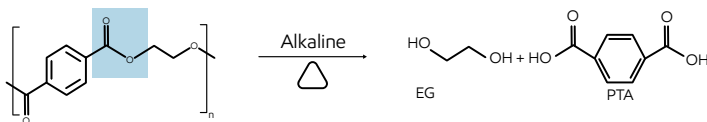
Compared to PET, PP-based nonwovens have better chemical resistance, especially in an alkaline environment. In addition, the lower density of PP vs. PET can offer the potential to do more with less.

Exceed™ Tough PP3684 is tougher than reference PP, making it ideal for filtration products that include:

- Industrial water filtration
- Beverage filtration
- Supporting layer of air filter

Better alkaline resistance with Exceed™ Tough PP3684

Property	PP	vs.	PET
Density (g/cm ³)	0.9		1.38
Alkaline resistance	Excellent		Poor

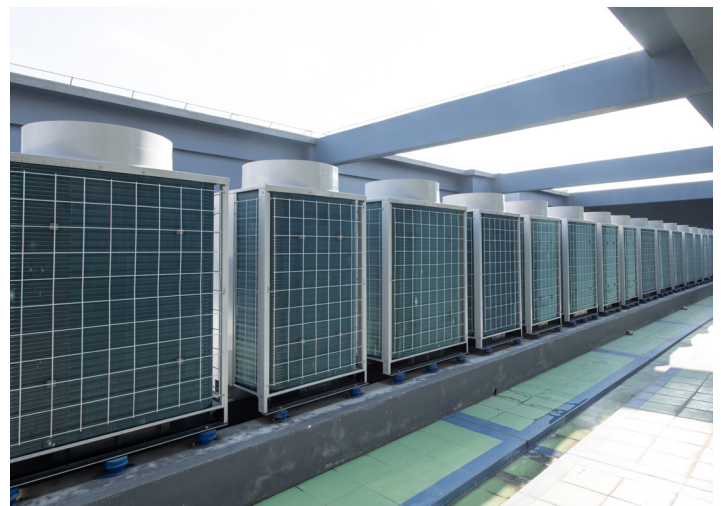
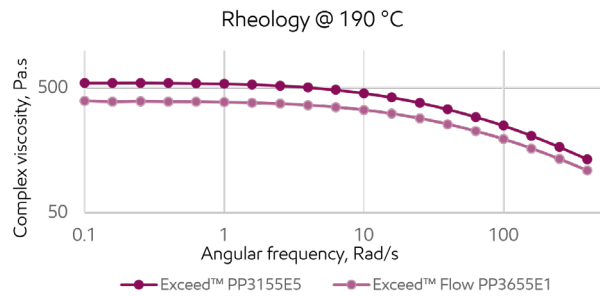


Enhance production efficiency

Exceed™ Flow PP3655E1 has excellent flowability that can benefit production efficiency, making it ideal for products including:

- Household water filtration

Higher production efficiency with Exceed™ Flow PP3655E1



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 are unchanged, it is only the names that updated. We will be making these modifications over the next six months, 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 or will be changed in this document:

Legacy Commercial Name	New Commercial Name
Achieve™ Advanced PP6936G2	Exceed™ Flow PP6936G2
Achieve™ Advanced PP3684	Exceed™ Tough PP3684
Achieve™ Advanced PP3655E1	Exceed™ Flow PP3655E1
ExxonMobil™ PP3155E5	Exceed™ PP3155E5

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

ExxonMobil
Signature Polymers

Bring your impossible

ExxonMobil Signature Polymers was born from the belief that people fuel progress. From automotive and construction to packaging, agriculture, industrial, and beyond, we leverage the scale and reach of ExxonMobil to deliver the insights and innovations that empower our diverse, global partners to take their businesses to new heights. We continuously work to provide the listen-first, service-driven, game-changing collaboration that unlocks opportunities for our partners and advances their business goals.



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