ExxonMobil Signature Polymers

Factsheet

Exceed™ high performance PP

Exceed™ high performance PP provides strength and soft balance in meltblown nonwovens for wipes applications

Exceed high performance PP resins for meltblown nonwovens are high melt flow rate homopolymer polypropylene resins based on ExxonMobil proprietary metallocene technology. Delivering enhanced fabric strength and unlocking new potential for balanced fabric softness and strength, Exceed high performance PP enables the consistent manufacture of tremendously comfortable nonwovens.

- Balance soft and strong
- Higher fabric strength
- Promotes clean, efficient fabric processing
- Reduced manufacturing energy demand
- Low extractables

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.

Create new nonwoven designs

Through collaboration, Exceed high performance PP enables customers to create new nonwoven designs that are tremendously comfortable. The strength/softness balance of nonwovens can be tailored to meet customer needs by making them ideal for wipes applications.

Grades	Conversion process	MFR*	Attributes
Exceed™ PP6035G	Meltblown	500	Enhanced strength with broad processing window
Exceed™ Flow PP6945G1	Meltblown	925	Excellent balance between softness, barrier and strength that can be produced at a wide processing window

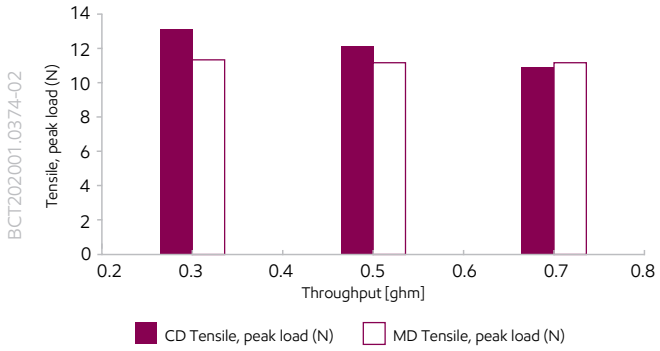
* MFR 230°C/2.16kg based on ExxonMobil method, g/10min.

Enhanced processability

A high melt flow rate and narrow molecular weight distribution contributes to highly efficient fabric processing on existing equipment. A broad operating window provides converters with greater operational flexibility and reliability.

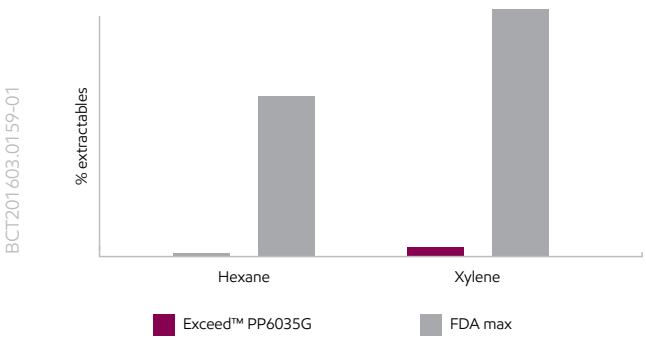
Exceed™ PP6035G: Enhanced strength

balanced MD and CD fabric strength



* Tensile strength test method based on EDANA "B" WSP110.4, basis weight 25gsm

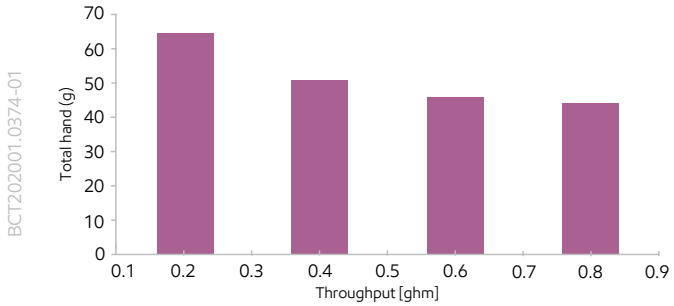
clean polymer with low extractables



* Compliance with FDT 21 CRF 177.1520 (c) 1.1b

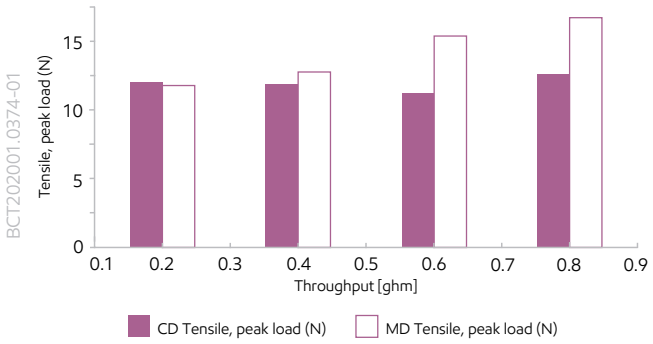
Exceed™ Flow PP6945G1: Balance soft & strong

improved drape and softness



*Handle-O-Meter test method based on WSP 90.3, basis weight 22gsm

maintained strength at higher throughputs



*Tensile strenght test method based on EDANA «B» WSP110.4, basis weight 22gsm

Other uses

Sorbents

Filtration

Insulation

All data in this document have been tested by or on behalf of ExxonMobil

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.

What's new: ExxonMobil Signature Polymers

All our polymers are now positioned under a single portfolio brand: ExxonMobil 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 changed in this document:

Legacy Commercial Name	New Commercial Name
Achieve Advanced PP6035G1	Exceed™ PP6035G
Achieve Advanced PP6945G1	Exceed™ Flow PP6945G1

Some of our existing Exceed, Achieve, Paxon and premium PP/HD grades have moved to Exceed brand; most existing Enable grades have moved to Exceed Flow[+]; most of our existing Exceed XP grades have moved to Exceed Tough[+]; most of our existing Exceed S grades have moved to Exceed Stiff[+]. More details here **https://www.exxonmobilchemical.com/en/brands/signature-polymers/exceed_high_performance_polymers** or contact your ExxonMobil representative to know more.

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