

Achieve™ Advanced PP for wipes applications

Achieve™ Advanced 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, Achieve Advanced polypropylene (PP) enables the consistent manufacture of tremendously comfortable nonwovens.



Key benefits



Balance soft & strong



Higher fabric strength



Promotes clean, efficient fabric processing



Reduced manufacturing energy demand



Low extractables



No peroxide

Create new nonwoven designs

Through collaboration, Achieve Advanced 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
Achieve Advanced PP6035G1	Meltblown	500	Enhanced strength with broad processing window.
Achieve Advanced 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.

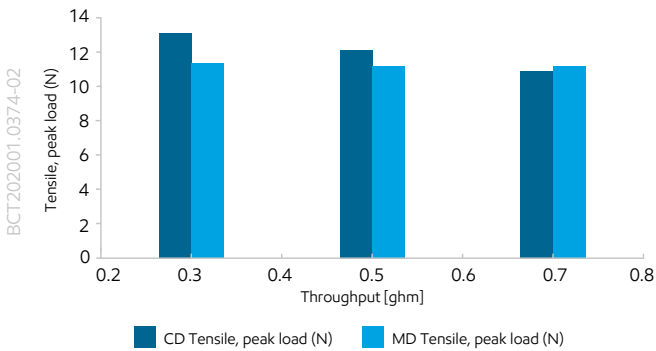
Energy lives here™

Achieve™ Advanced PP6035G1

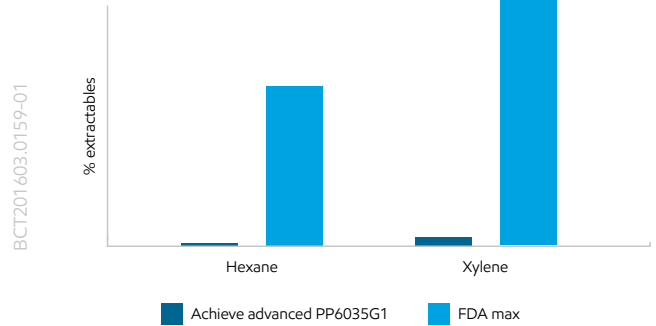
enhanced strength



balanced MD and CD fabric strength



clean polymer with low extractables



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

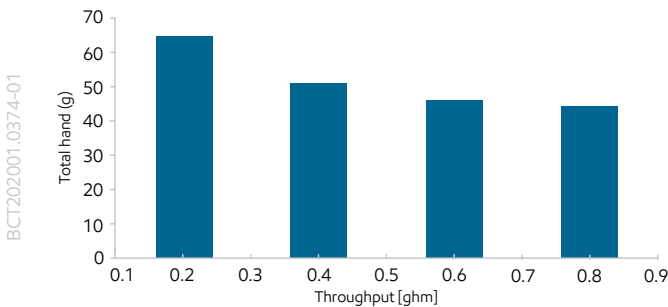
* Compliance with FDT 21 CRF 177.1520 (c) 1.1b

Achieve Advanced PP6945G1

balance soft & strong



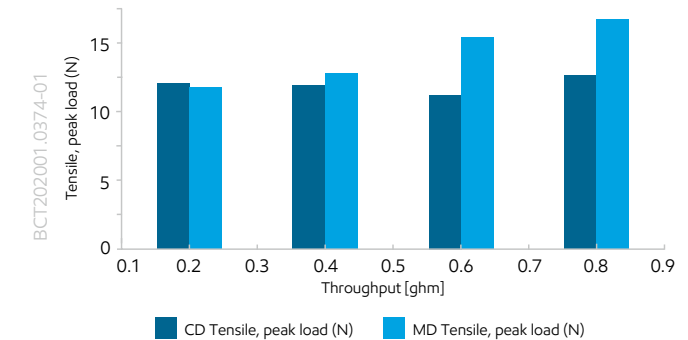
improved fabric drape and softness



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



maintained strength at higher throughputs



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

Other Uses



Sorbents



Filtration



Insulation

Scan to learn more or connect with an expert



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