



ExxonMobil healthcare solutions are your building blocks to engineer medical products for today and tomorrow. As one of the world's largest chemical manufacturers, we unite a wide range of high-performance products that adhere to strict healthcare industry standards for testing, quality assurance and traceability. By partnering with us, you can depend on the material consistency and processability of our solutions to deliver products that empower healthcare and pharmaceutical organizations to provide best-in-class patient care.



Regulatory compliance

Products that meet rigid healthcare industry standards



Supply reliability

Global manufacturing footprint bolstered by regional commercial support



Technical support

Dedicated medical team focused on continuous joint innovation



Product consistency

Good Manufacturing Practices in place to prevent product contamination

Medical supplies

Delivering reliable performance everyday

Maximize the performance and value of healthcare and medical applications with our high-quality Vistamaxx™ performance polymers, Exact™ polyolefin elastomers, Exceed™ PP, ExxonMobil™ PP, Exxon™ halobutyl rubber and Exxpro™ specialty elastomers.

Applications

Drug/medical packaging; fluid delivery systems such as syringes, infusion/IV bags, and ostomy bags; inhalation systems; drug and vitamin bottles and containers; caps and closures; non-woven briefs and absorbent pads



Broad portfolio that enables tailored innovation for medical supplies



Stable solution portfolio to enable the longevity of healthcare offerings

Product portfolio	Property	Processing methods				Regulatory compliance					
		MFR	IM	FL	TF	NW	FDA	EP	ISO 10993	USP	DMF
ExxonMobil™ PP1013H1	7.5*	●					●	●	●	●	●
Exceed™ PP6014MED	13	●					●	●	●	●	●
Exceed™ PP1605MED	32	●					●		●	●	●
Exceed™ PP9122MED	2.1		●	●			●		●	●	●
ExxonMobil™ PP9074MED	24	●					●		●	●	●
Vistamaxx™ 3020MED	3		●	●			●		●	●	●
Vistamaxx 3588MED	8		●				●		●	●	●
Vistamaxx 6102MED***	3		●				●		●	●	●
Vistamaxx 6202MED	20	●	●				●		●	●	●
Exact™ 5101MED***	1.1**		●				●		●	●	●
Exxon™ butyl†											

Grade	Property	Processing method	Performance qualities
	MFR	NW	Attributes
Vistamaxx 7020BF	20	●	Enables ability to tailor softness, drapability and extensibility of fabric when used in a blend with PP; good color stability
Vistamaxx 7050BF	45	●	Enables ability to tailor elasticity, softness and drapability when used in a blend with PP; good color stability
Exceed PP3155E5	36	●	Excellent spinnability for consistent, high-quality fabrics at maximum throughputs
Exceed PP3854	24	●	Outstanding uniformity for high-strength and fine denier
Exceed™ Tough PP3684	13.5	●	Enables high-loft, ultra soft nonwovens through bi-component (BiCo) spunbond process

MFR 230C/2.16kg based on ExxonMobil method g/10min. *Based on ISO 1133 method. **MI 190C/2.16kg based on ASTM D1238 g/10min. ***Under development, check with your local sales contact for more information. P = In progress. IM = Injection moulding. TF = Thermoforming. NW = Non-wovens. FL = Film. †For Butyl products, please reference Pharmaceutical and laboratory product portfolio.



Pharmaceutical and laboratory

Innovation for exceptional cleanliness and efficient delivery

Discover how our high-quality Exxon™ chlorobutyl rubber, Exxon™ bromobutyl rubber and Exxpro™ specialty elastomers offer a combination of low permeability, low extractables and leachables, and excellent resealability. These features avoid contamination

while preserving the medicine integrity. Leverage high-quality Vistamaxx™ performance polymers, Exact™ POE, Exceed™ PP, and ExxonMobil™ PP for consistent parts with high clarity.

Applications

Labware, bioreactor bags, pharmaceutical stopper and seals



Product consistency designed to prevent contamination through Good Manufacturing Practices



Low extractables and leachables to preserve the integrity of the medicine

Product portfolio	Property	Processing methods			Regulatory compliance				
		Grade	MFR	IM	TF	FDA	EP	ISO 10993	USP
ExxonMobil™ PP1013H1	7.5*		●		●	●	●	●	●
Exceed™ PP6014MED	13		●		●	●	●	●	●
Exceed PP1605MED	32		●		●		●	●	●
Exceed PP9122MED	2.1			●	●		●	●	●
Exceed PP9074MED	24		●		●		●	●	●
Vistamaxx™ 6202MED	20		●		●		●	●	●
Exact™ 5101MED***	1.1**		●		●		●	●	●

Grade	Properties			Regulatory compliance
	ML 1+8 – 125°C (MU)	Halogen (wt%)	Isoprene1 (mol%) or pMS2 (wt%)	DMF
Exxon™ chlorobutyl rubber 1066	38	1.3	2.0 (I)	●
Exxon chlorobutyl rubber 5066	40	1.5	2.0 (I)	●
Exxon bromobutyl rubber 2211	32	2.1	1.7 (I)	●
Exxon bromobutyl rubber 2244	46	2.1	1.7 (I)	●
Exxon bromobutyl rubber 7211	32	2.1	1.7 (I)	●
Exxon bromobutyl rubber 7244	46	2.1	1.7 (I)	●
Exxon bromobutyl rubber 6222	32	2.4	1.7 (I)	●
Exxpro™ specialty elastomer 3035	45	0.5 (mol%)	5.0 (p-M ²)	●
Exxpro specialty elastomer 3433	35	0.8 (mol%)	5.0 (p-M ²)	●
Exxpro specialty elastomer 3745	45	1.2 (mol%)	7.5 (p-M)	●

Grade	Pharmacopia compliance			
	US	EU	India	Japan
ExxonMobil™ IPA Pharmacopoeia	●	●	●	●

MFR 230C/2.16kg based on ExxonMobil method g/10min. *Based on ISO 1133 method. **MI 190C/2.16kg based on ASTM D1238 g/10min. ***Under development, check with your local sales contact for more information. P = In progress. IM = Injection moulding. TF = Thermoforming. NW = Non-wovens. FL = Film. Mooney ML1+8 - 125°C (MU) based on ASTM D1646 (mod); Halogend (wt%) based on ExxonMobil method or para-Methylstyrene (wt%) based on ExxonMobil method.



Infection protection

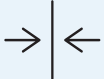





Material innovation to enable cleanliness and safety

Maximize protection without sacrificing comfort when using spunbond and meltblown nonwovens made from Vistamaxx™ performance polymers, Exceed™ high performance PP, Exceed™ Flow and Exceed™ Tough PP which offer ease of processing, tailorable softness and loft, higher strength, and enhanced barrier performance fabrics. For surface disinfectants, hand sanitizers, or alcohol wipes,

ExxonMobil™ IPA Pharmacopeia is the clear choice for your antiseptic, sanitizing and disinfectant needs.

Applications

Nonwoven—absorbent articles, bandages, masks, gowns, and wipes; surgical drapes, medical protective gowns, shoe covers, disposable bedding, and filtration media; IPA for disinfecting and sanitizing solutions for wipes, sprays, and gels.

 <p>Outstanding barrier performance</p>	 <p>Excellent spinning with uniformity and consistency</p>	 <p>Uniform production of fabrics with higher strength and finer fibers</p>
 <p>New possibilities for incorporating softness and elasticity or extensibility for improved fit and comfort</p>	 <p>Breathable and soft touch</p>	 <p>High-purity IPA that is fast acting against virus and bacteria</p>

Product portfolio	Property	Performance qualities
Grade	MFR	Attributes
Vistamaxx™ 7020BF	20	Enables ability to tailor softness, drapability and extensibility of fabric when used in a blend with PP; good color stability
Vistamaxx 7050BF	45	Enables ability to tailor elasticity, softness and drapability when used in a blend with PP; good color stability
Exceed™ PP3155E5	36	Excellent spinnability for consistent, high-quality fabrics at maximum throughputs
Exceed PP3854	24	Outstanding uniformity for high-strength and fine denier
Exceed™ Flow PP3655E1	58	Excellent spinning for finer fiber, uniform, high quality fabrics
Exceed™ Tough PP3684	13.5	Enable high-loft, ultra soft nonwovens through bi-component (BiCo) spunbond process
Vistamaxx 8880	1200*	Meltblown fabrics with improved barrier properties and tunable softness when used in a blend with PP
Exceed PP6035G1	500	Enhanced strength and broad processing window
Exceed Flow PP6945G1	925	Excellent balance between softness and strength, wide processing window
Exceed Flow PP6936G2	1550	Superior barrier and softness

Grade	Pharmacopia compliance			
	US	EU	India	Japan
ExxonMobil™ IPA Pharmacopeia	●	●	●	●

MFR 230C/2.16kg based on ExxonMobil method g/10min. *Viscosity at 190C (374F) based on ExxonMobil method mPa*s.



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, it is the names that change. Everything else remains the same. 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
ExxonMobil™ PP3155E5	Exceed™ PP3155E5
ExxonMobil PP6014MED	Exceed PP6014MED
ExxonMobil PP9074MED	Exceed PP9074MED
ExxonMobil PP9122MED	Exceed PP9122MED
ExxonMobil PP1605MED	Exceed PP1605MED
Achieve™ Advanced PP3854	Exceed PP3854E1
Achieve Advanced PP3684	Exceed™ Tough PP3684
Achieve Advanced PP3655E1	Exceed™ Flow PP3655E1
Achieve Advanced PP6035G1	Exceed PP6035G1
Achieve Advanced PP6945G1	Exceed Flow PP6945G1
Achieve Advanced PP6936G2	Exceed Flow PP6936G2

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

Contact us for more information: exxonmobilchemical.com

ExxonMobil
Signature Polymers

Bring your impossible



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