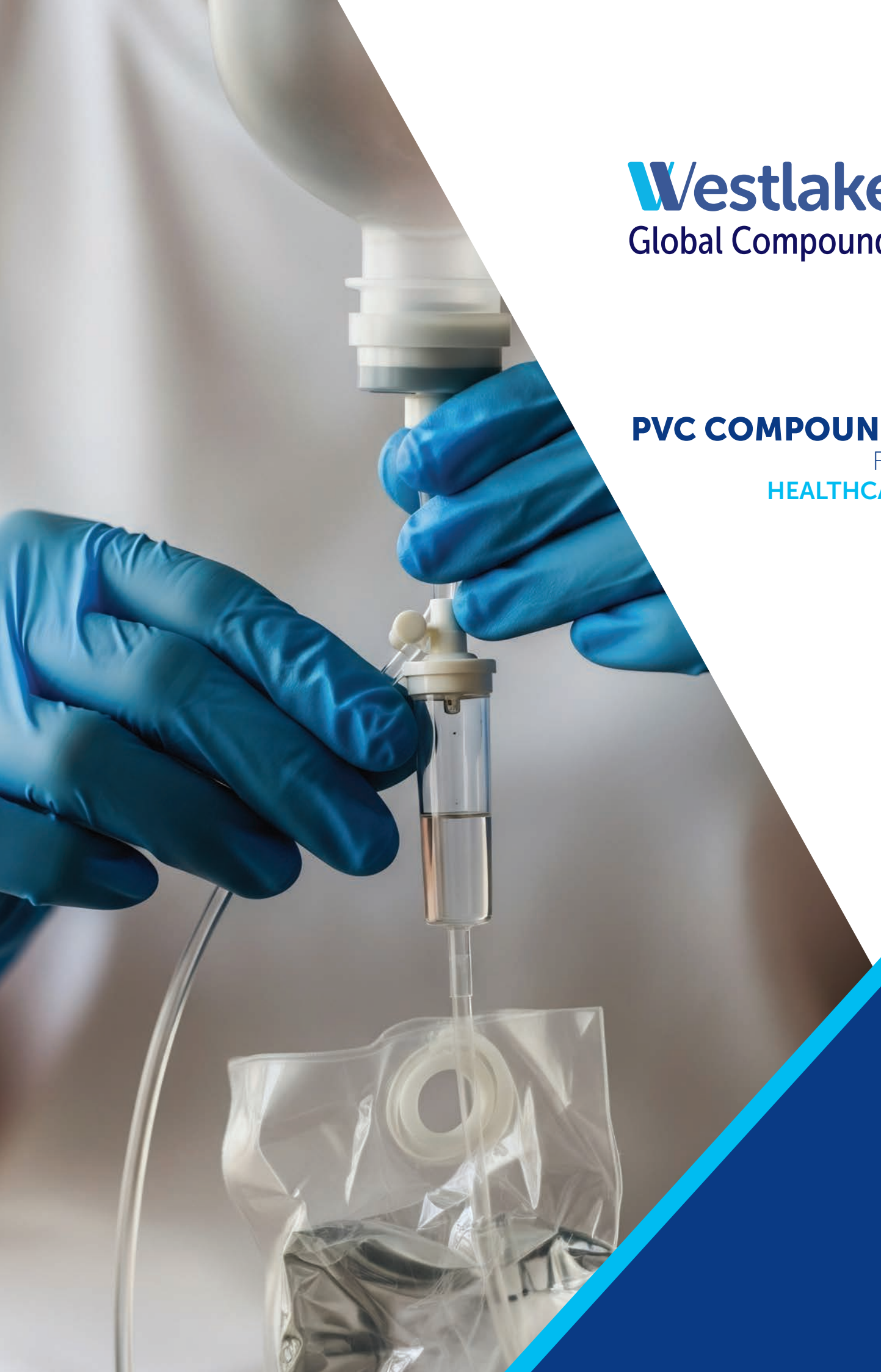


Westlake
Global Compounds™

PVC COMPOUNDS
FOR
HEALTHCARE

Enhancing Your Life Every Day®

Who We Are

At Westlake Global Compounds, we have a passion for working to exceed our customer's needs through superior technology, product quality and operating excellence.

Westlake Global Compounds is a global compounding business with facilities worldwide in China, France, Germany, Italy, Mexico, Spain, the United States and Vietnam; a world-class research facility in France and eight application laboratories.

Our determination to seek solutions that enhance daily life and provide options to sustainability-minded customers has driven us to be a leading integrated compound company.

Our local teams combine personal attention with the expertise, geographical footprint and financial resources of a global leader – all to benefit you, our customers.

+ 50
YEARS IN BUSINESS

+ 16
FACILITIES/PLANTS GLOBALLY

+ 1000
EMPLOYEES & GROWING

+ 3000
PRODUCTS ENGINEERED & COUNTING

TECHNICAL SERVICES & CAPABILITIES

Westlake Global Compounds is committed to:

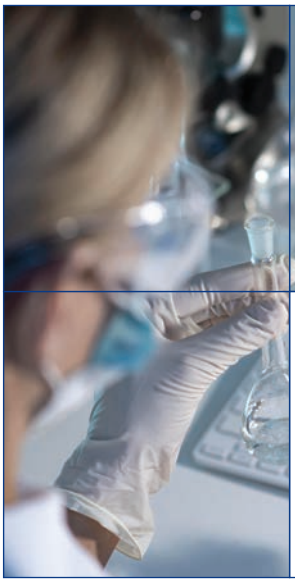
QUALITY

INNOVATION

CUSTOMER SERVICE

SUSTAINABILITY

Sevice Overview



Research & Development

Our team of experts is here to develop new products, integrate new technologies or add properties to an existing product.

Our Research & Development Team Can Help With:	DEVELOPING NEW PRODUCTS	INTEGRATING NEW TECHNOLOGY	VALIDATION
	Whether you're looking for a new product or developing a new application, our team will work with you to produce new compounds from scope definition through regulatory testing and final approval.	Work toward your operational goals and strategies by integrating new technologies into your business. Our team will work alongside you to integrate new products and troubleshoot along the way.	During your validation phase, we'll work with you to ensure seamless integration of our new compounds into your products, including lab testing and manufacturing testing.

Customer Satisfaction

Our sales department will grant a quick response to your requests and pre and post sales assistance in order to help fulfill your needs.

Technical Support

Our experienced support team will assist you with running new products, troubleshooting issues with production and optimizing your product's processes.

Quality Control

Our dedicated quality team provides the compound compliance with technical specifications and testing process, ensuring the highest level of quality for our products.

Technical Support Team

Our team of experts is here to develop new products, integrate new technologies or add properties to an existing product.

Our Technical Support Team Can Help With:

LAB SITE TESTING

Our research and product development labs are located across the globe to support customers' development and industry needs. Each provides a variety of testing capabilities from physical and analytical testing to characterization.

TECHNICAL KNOWLEDGE & TRAINING

As experts in healthcare applications, we can provide the technical knowledge to find solutions. We also provide onsite training for processing and testing.

REGULATORY NEEDS

The knowledge and skills of our product sustaining team give us the ability to navigate regulatory needs and assist in expediting the process.

Why Westlake Global Compounds?

EXPANSIVE TECHNICAL KNOWLEDGE

With over 100 years of combined experience, our expert teams provide deep technical knowledge to deliver the right products for your applications.

CROSS-INDUSTRY EXPERIENCE

Our team has gained long-standing experience, so we can help with any need across a wide range of applications and markets.

LAB & THIRD-PARTY RESOURCES

Whether it's our internal lab or through partner resources, we offer expansive assets to deliver what you need.

GLOBAL CAPABILITIES

Spanning America, Asia, Africa and Europe, we have global reach and expertise.

TECHNICAL SERVICES & CAPABILITIES

Certifications

TÜV SÜD ISO 9001

TÜV SÜD ISO 13485

Compliance

REACH COMPLIANT · COMPLIANT

RoHS

NON-DEHP

DEHP

Not Manufactured using di(2-ethylhexil)phtalate as ingredient

NON-LATEX

LATEX

Not Manufactured using Natural Rubber Latex as ingredient

NON-BPA

BPA

Not Manufactured using Bisphenol A as ingredient

Award

SILVER | Top 15%
ecovadis
Sustainability Rating
SEP 2025

Our sustainability management was awarded an EcoVadis Gold Rating

Our Type of Product Compounds

Westlake Global Compounds encompasses a diverse array of products that enhance our daily lives, providing the building blocks for products that shape how we communicate, consume, travel and access medical services.

Our products embody the fervor with which we dedicate ourselves to formulating and engineering the most **essential** solutions imaginable.

With over **50 years of experience** as a PVC compounds provider, which is a business unit of a publicly traded company, we are committed to delivering a comprehensive selection of products.

Our products for **medical packaging, therapies** and treatments **will support the future of the biomedical market.** Our medical compounds products are used in renal tubing, renal dialysis kits, infusion & perfusion tubing, infusion & perfusion IV accessories, respiratory tubing, respiratory masks, biotech reproduction cannulas, medical containers & bottles, blood storage, and urology catheters.

Westlake
Global Compounds

Local & Global Footprint

Our vertical integration allows us to develop new PVC compounds while having access to the innovative products and resources of Westlake Corporation.

Our global presence with regional technical assistance is dedicated to support customers by combining personal attention with the expertise and geographical footprint of a global organization.

This approach facilitates site-to-site transfer (Formula – Process – QMS).

Quality & Safety

Safety is one of our priorities. Our secure system follows our risk management plan that is based on UNI ISO 13485 and UNI EN ISO 9001 certifications.

We constantly monitor all incoming and outgoing products through inspections of raw materials and through chemical and biocompatibility testing on finished goods.

Furthermore, we apply a process based on an ABC shell system that prevents any risk of cross contamination.

Regulatory

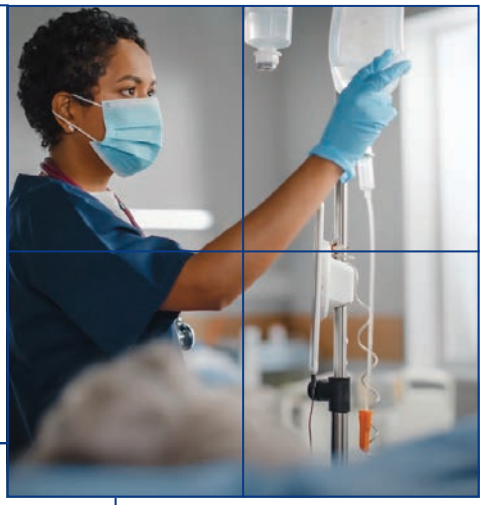
Regulatory compliance is the process of complying with applicable laws, regulations, policies and procedures, standards and the other rules issued by authorities and notified bodies.

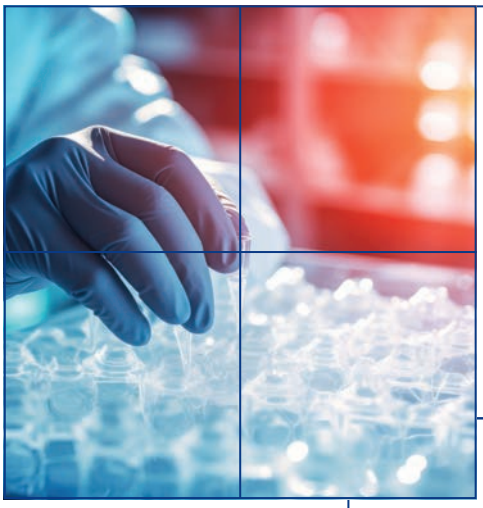
Regulatory mandates can be different not only by industry but often by location. Our technical team provides dedicated solutions to supply products in compliance with all applicable norms and laws, while fulfilling customer requirements.

Westlake
Global Compounds™ applications

Infusion & Perfusion

Infusion & perfusion treatments, critical drugs applications and pain treatment need dedicated raw materials. Our knowledge on different kinds of chemical, mechanical and physical properties permits us to achieve the highest quality performance standards. We offer a wide portfolio of rigid and flexible PVC suitable for the production of devices related to infusion tubing, peristaltic pumps, drip chambers, bags & bottles, enteral and parenteral nutrition, infusion and perfusion IV accessories for intravenous (IV) bags, IV tubing, ITV catheters, IV connectors, IV filters, IV pumps, IV syringes, IV needles, IV stopcocks, IV infusion pumps, IV clamps and IV dressings.





Biotech Reproduction Cannulas

Our biotech reproduction product line is specifically designed for this market, which has particular requirements and needs. Starting from dedicated raw material selection, passing through a 'no cross contamination production process', arriving to customized color nuances: this product line can fulfill requirements for the production of devices for artificial insemination applications.

Renal Therapy

With more than 20 years of development and manufacturing, our know-how and experience can make a difference in renal therapy applications. We can offer you a wide portfolio of different PVC grades/shores/colors to produce tubing to meet the demands of devices such as renal tubing, peristaltic pumps tubing, bloodline tubings, bloodlines, blood bags, dialyzers, arterial flow chambers, luer lock, and other fittings.

Respiratory Solutions & Therapies

We offer a wide range of materials with different characteristics. Suppose you are looking for a complete portfolio of innovative and standard PVC compounds designed to produce oxygen masks, spiral tubing, connectors, filter cases and fittings that can be used for emergency treatments, surgery operations, and hospital & home care. We are equipped to fulfill these requirements and product specifications.

Wound Drainage Systems

The drainage technique uses various types of catheters that drain fluids in bottles, where the exudate is accumulated and removed or sampled. If you need PVC suction kits, high-pressure drainage kits or suction systems, our team will gladly discuss them with you.

Blood Contact

Disposable blood bags are sterile, clear plastic devices employed to efficiently manage blood cells or plasma collection. Our high-quality PVC allows the production of blood storage items compatible with blood collection, blood storage, blood transportation and blood processing.

Catheters

A catheter is a flexible tube that collects body fluids in a drainage bag. Our catheter-related PVC compounds are commonly used for Foley catheters, male external catheters and female external catheters.

Westlake

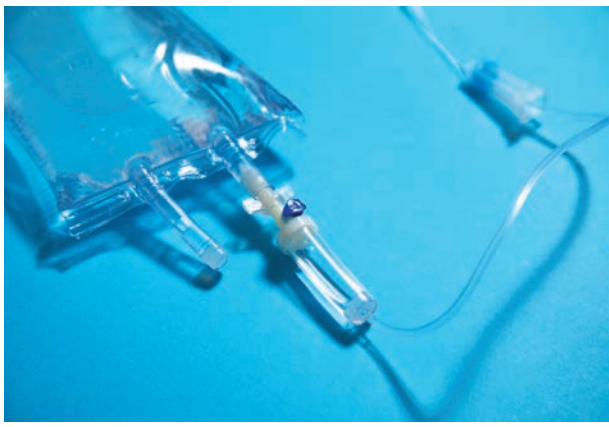
Global Compounds™ ▸ applications

Product	Intended Use	Type	Colour	Shore A Hardness	Shore D Hardness	Process
RENAL THERAPY						
FEA 748 N	Heparin tube	F	T / N	75	-	Extrusion
FEA 698 N	Main tube	F	T / N	70	-	Extrusion
FEA 618 N S	Pump segment	F	T / N	61	-	Extrusion
FEA 578 N S	Hemofiltration pump segment	F	T / N	57	-	Extrusion
FMA 938 N	Dialyzer connector	F	T / N	93	-	Injection
FMA 878 N	Drip chamber	F	T / N	87	-	Injection
RAD 400 N	Arterial flow chamber	R	T / N	-	77	Injection
RMA 405 N	Cap cover	R	T / N	-	80	Injection
RMA 418 N	Clamp	R	T / N	-	78	Injection
BLOOD CONTACT						
FEA 778 N S	Bag	F	T / N	77	-	Extrusion
FEA 778 N	Main tube	F	T / N	77	-	Extrusion
FMA 838 N	Connectors	F	T / N	83	-	Injection
FMA 838 N	Twist off	F	T / N	83	-	Injection
FEA 698 N	Main pump	F	T / N	70	-	Extrusion
INFUSION						
FEA 748 N	Main tube	F	T / N	75	-	Extrusion
FEA 828 N NL	Bags	F	T / N	82	-	Extrusion
FEA 798 N	Bag tubes	F	T / N	80	-	Extrusion
FMA 918 N	Drip chamber	F	T / N	91	-	Injection
FMA 878 N	Semi-rigid connector	F	T / N	87	-	Injection
FMA 838 N	Twist off bags	F	T / N	83	-	Injection
RMA 405 N	Luer lock	R	T / N	-	80	Injection
RMA 418 N	Rigid connector	R	T / N	-	78	Injection
BIOTECH REPRODUCTION						
PEM 401 L	Semen storage	R	N	-	80	Extrusion
REM 407 N	Insemination tube	R	N	-	79	Extrusion
RESPIRATORY						
FEA 578 N	Smoothbore tube (soft part)	F	T / N	57	-	Extrusion
FEA 638 N	Smoothbore tube (high performance soft part)	F	T / N	63	-	Extrusion
FMA 708 N	Smoothbore hose connectors	F	T / N	70	-	Injection
FMA 758 N	Oxygen mask	F	T / N	75	-	Injection
FEA 748 N	Oxygen tube	F	T / N	75	-	Extrusion
FEA 568 N	Ambu baloon	F	T / N	56	-	Extrusion
FEA 638 N	Nasal canula	F	T / N	63	-	Extrusion
WOUND DRAINAGE SYSTEM						
FEA 748 N	Tube	F	T / N	75	-	Extrusion
FMA 878 N	Connector	F	T / N	87	-	Injection
RET 412 N	Bottle	R	T / N	-	80	Blow molding
RMA 405 N	Connector	R	T / N	-	80	Injection
CATHETERS						
FEA 748 N	Suction catheter	F	T / N	75	-	Extrusion
FEA 838 N	Feeding catheters	F	T / N	83	-	Extrusion
FEA 828 N	Hydrofillic catheters	F	T / N	82	-	Injection

F= Flexible R= rigid N = neutral colour T= translucent color

Suggested Sterilization	Specific Gravity (kg/dm3)	Tensile Strength at Break (Mpa)	Elongation at Break (%)
EtO or irradiation	1.21	15.5	>350
EtO or irradiation	1.19	14	>300
EtO/Gamma	1.16	12.5	>350
EtO or irradiation	1.16	11.5	>350
EtO or irradiation	1.25	20	>350
EtO or irradiation	1.24	18	>350
EtO or irradiation	1.33	58	>15
EtO	1.34	65	>10
EtO	1.33	40	>10
EtO or irradiation or steam	1.21	17	>400
EtO or irradiation	1.22	16	>350
EtO or irradiation	1.23	16.5	>350
EtO or irradiation	1.23	16.5	>350
EtO or irradiation	1.19	14	>300
EtO or irradiation	1.21	15.5	>350
EtO or irradiation or steam	1.23	18	>350
EtO or irradiation	1.23	16.5	>350
EtO or irradiation	1.25	19	>350
EtO or irradiation	1.24	18	>350
EtO or irradiation	1.23	15.5	>350
EtO	1.34	65	>10
EtO	1.33	40	>10
EtO	1.33	56	>15
EtO	1.32	56	>15
EtO or irradiation	1.17	10.5	>300
EtO or irradiation	1.19	12.5	>300
EtO or irradiation	1.20	13	>300
EtO or irradiation	1.21	14.5	>350
EtO or irradiation	1.21	15.5	>350
EtO or irradiation	1.15	10.5	>300
EtO or irradiation	1.19	12.5	>300
EtO or irradiation	1.21	15.5	>350
EtO or irradiation	1.24	18	>350
EtO	1.34	65	>15
EtO	1.34	65	>10
EtO or irradiation or steam	-	15.5	>350
EtO or irradiation	-	18	>350
EtO or irradiation	-	17.5	>350

Typical values – ask us for the TDS



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Westlake Global Compounds does not warrant or guarantee any typical (or other) values. Typical values are only values, which are expected, if the properties of our products are tested with our equipment, using our test methods at a specific point in time. A few product properties are not regularly tested and as a result the typical values are not always based on a statistically relevant number of tests. The quality inspection is carried out on a number of representative samples and not on the actual delivered product.
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