



 1.610.459.1000
 1.800.999.1700
 INFO@WESTLAKEPLASTICS.COM

Westlake Plastics: a market leader and pioneer in medical grade stock shapes.

In the 80's **Westlake Plastics** was the first company to offer colored medical grade polymers to the Orthopedic industry. Fully traceable and USP class VI compliant, we have extended our product offering to more polymers with the same rigorous biocompatibility compliance.

Westlake Plastics does not follow the trends but innovates by offering new products, shapes and compounds.

PP **PROPYLUX[®] HS WM**

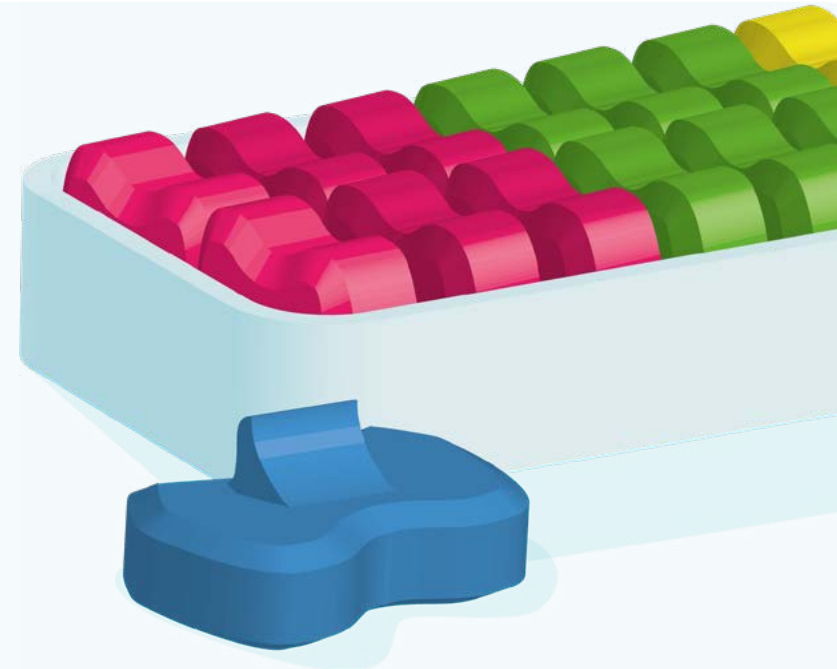
The Clear Solution for Orthopedic Devices

Medical grade PROPYLUX HS is Heat-Stablized rod made from an FDA and USP VI compliant polypropylene base resin. Each color has been tested individually under ISO 10993 5/10/11 for biocompatibility (FDA MAF available). Extruded PROPYLUX HS rods offer high dimensional stability and chemical resistance through decontamination & sterilization.



BL070	YE060	RE050	GRV090	BRV040
BL080	WHV120	ORV020	GRV110	BKV010
GRV080	AQV020	RUV010	MGV020	VTV010

In addition to our standard capabilities, Westlake also has the ability to process custom resins in various sizes and colors with some exceptions.



PP PROPYLUX[®] HS² WM

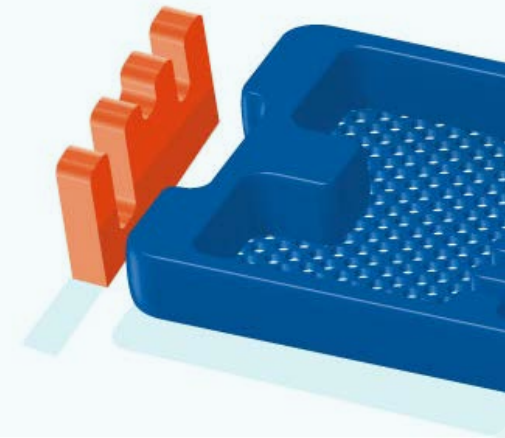
The Clear Solution for Orthopedic Devices



Medical grade PROPYLUX HS2 is Heat-Stabilized Sheet made from an FDA and USP VI compliant polypropylene base resin using proprietary compression molding technology. They are the perfect fit for the manufacturing of sterilization trays and container brackets. The material will take numerous autoclaving and cleaning procedures while maintaining high dimensional stability. Westlake Plastics is developing a range of colored sheets to bring more than Black & White to the orthopedic market.

- WHV200
- ORV700
- BKV202
- MGV700
- GRV700
- BLV700
- GYV700

In addition to our standard capabilities, Westlake also has the ability to process custom resins in various sizes and colors with limited exceptions.



PPSU RADEL[®] WM

Medical Grade



Stock shapes extruded from Radel[®] R resins offer a superior combination of high performance properties that include excellent thermal stability, outstanding toughness, and good environmental stress cracking resistance. These properties make Radel[®] R stock shapes attractive for a variety of demanding applications.

- YL-1337
- RD-1018
- NT-15
- OR-1145
- GY-1037
- GN-1007
- VT-2582
- BK-937
- BU-1027
- BN-1164

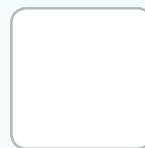
In addition to our standard capabilities, Westlake also has the ability to process custom resins in various sizes and colors with limited exceptions.



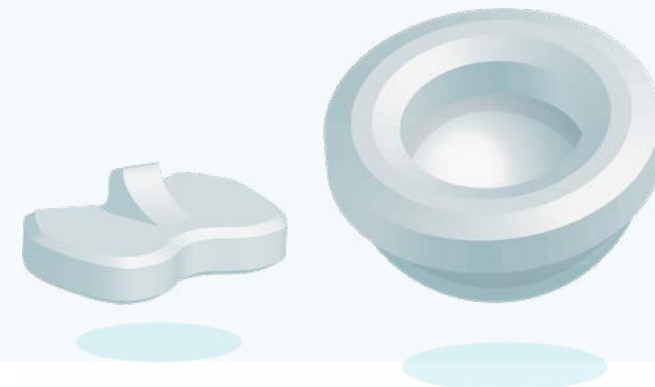
UHMW PE LENNITE[®] WM

Implantable Grade

LENNITE WM is a ram extruded implantable UHMW-PE. Westlake Plastics mainly produces GUR 1050 grade from Celanese[®]. LENNITE WM is used in the manufacturing of surface bearing for hip, knee and shoulder implants.



Natural white Resin



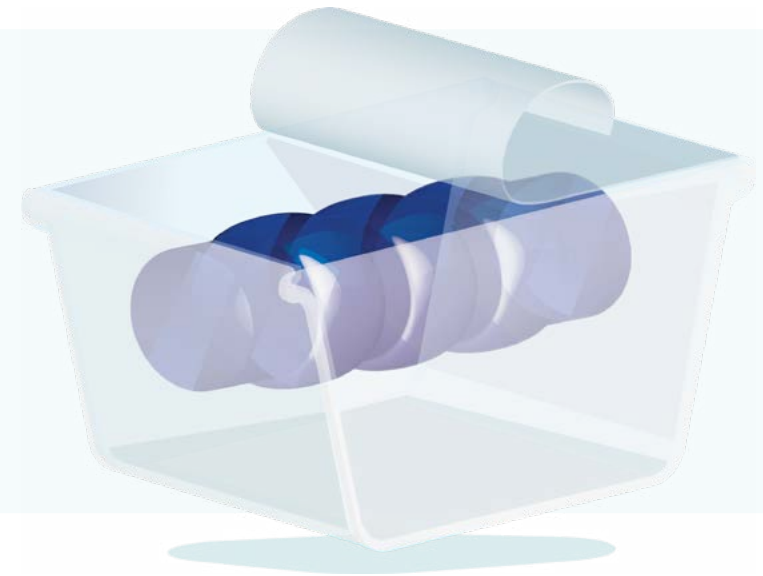
PC ZELUX[®] WM

Gamma Stabilized

ZELUX WM is a unique product intended to be used for the machining of single use devices. Anytime a disposable device can't be injection molded because the volumes are too low or the design too intricate, ZELUX WM is the preferred material, offering high mechanical strength after gamma sterilization.



Translucent Blue



Westlake Plastics: a market leader and pioneer in medical grade stock shapes.

Find the right product for your application. Shall you require steam or gamma sterilization, single use or re-usable device, Westlake Plastics offers the right polymer.

	APPLICATIONS					STERILIZATION METHOD				SHAPES	
	Container and Brackets	Surgical instruments handles	Impactor devices	Large and Small joint trial devices	Large and Small joint implant devices	Gamma	Low TA ^o Sterilization	eTO	Autoclaving 134°C or 121°C	Sheets/Slabs	Rods
PP PROPYLUX [®] HS WM <small>The Clear Solution for Orthopedic Devices</small>	NB	***	****	****	N/A	*	****	****	****	N/A	Diameter 0.5" to 4"
PP PROPYLUX [®] HS ² WM <small>The Clear Solution for Orthopedic Devices</small>	****	NB	NB	NB	N/A	*	****	****	****	Thickness 0.5" to 2.5"	N/A
PPSU RADEL [®] WM <small>Medical Grade</small>	***	****	***	****	N/A	**	****	****	****	Thickness 0.5" to 2.5"	Diameter 0.5" to 4"
PEEK LENNITE [®] WM <small>Implantable Grade</small>	N/A	N/A	N/A	N/A	****	****	N/A	****	N/A	N/A	Diameter 0.5" to 3.5"
PC ZELUX [®] WM <small>Gamma Stabilized</small>	N/A	Single Use	Single Use	Single Use	N/A	****	No data	***	*	Thickness 0.5" to 2.5" Made to order	Diameter 0.5" to 4"

- Repeatable-Use Polymers
- Implantable Polymer
- Single Use Polymer

N/A: Non applicable.

NB: Can be used but stock shape format and/or biocompatibility are not best suited.

- * Poor
- ** Medium
- *** Good
- **** Optimal



Westlake MEDICAL

Westlake can make **performance validation** easy.

When you consider using polymers for a new project or a legacy instrument, our team is at your service to help execute your plan! We understand the biocompatibility profile is important and product validation is crucial. Let us help you through this process. We can help define a protocol, machine prototypes, run multiple autoclaving cycles and perform a dimensional evaluation.



490 West Lenni road
Lenni, PA 19052
U.S.A
Phone : 1.610.459.1000
Phone : 1.800.999.1700
Fax : 877.789.0601
Web : www.westlakeplastics.com
Email : info@westlakeplastics.com



WESTLAKE PLASTICS EUROPE
2 Rue de Maestricht
59200 TOURCOING
FRANCE
Phone : (33) 03.20.68.30.35
Web : www.wp-europe.com
Email : info@wp-europe.com



FDA registered: #3011274144
21 CFR 820 compliant