



# POLY-MED, INC.

Bioresorbable Solutions Delivered

## LACTOPRENE® 7415

PRODUCT SPECIFICATION DATA SHEET

### PRODUCT DESCRIPTION

Lactoprene® 7415 is a linear block copolymer that can be processed into a variety of formats. Its appearance is white to off-white granules. This polymer typically loses strength in about 3 to 9 months and mass loss in about 12 to 36 months, depending on processing, physiological environment, and anatomical location.

### PACKAGING

Polymer is packaged into 100 or 500 gram quantities. Standard packaging consists of an inner polyethylene bag sealed inside a durable foil pouch to ensure protection from moisture and light.

### STORAGE / HANDLING

After opening the original packaging, it is highly recommended to keep the material protected from UV light, in inert conditions, and under vacuum to maximize shelf life.

When stored in the original packaging at room temperature, the product will maintain its initial properties for an extended period. Consult a representative at [sales@poly-med.com](mailto:sales@poly-med.com) for more details.

### KEY APPLICATIONS

- ◇ 3D Printing
- ◇ Textile Knitting
- ◇ Injection Molding
- ◇ Electrospinning
- ◇ Tubing
- ◇ Fiber Extrusion



### MATERIAL SPECS

COMPOSITION	74% L, 15% TMC, 11% CAP
ITEM NO.	01262
APPEARANCE	White to off-white
GRANULE SIZE	< 4.0 mm
INHERENT VISC.	2.1 to 2.9 dL/g
ELEMENTAL	Tested to USP 232/233

*Leaders in Bioresorbables*

Poly-Med, Inc. is registered with the FDA as a medical device manufacturer and has been ISO 13485 registered by UL.

[www.poly-med.com](http://www.poly-med.com)

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# POLY-MED, INC.

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## LACTOPRENE® 8411

PRODUCT SPECIFICATION DATA SHEET

### PRODUCT DESCRIPTION

Lactoprene® 8411 is a linear block copolymer that can be processed into a variety of formats. Its appearance is white to off-white granules. This polymer typically loses strength in about 3 to 9 months and mass loss in about 12 to 36 months, depending on processing, physiological environment, and anatomical location.

### PACKAGING

Polymer is packaged into 100 or 500 gram quantities. Standard packaging consists of an inner polyethylene bag sealed inside a durable foil pouch to ensure protection from moisture and light.

### STORAGE / HANDLING

After opening the original packaging, it is highly recommended to keep the material protected from UV light, in inert conditions, and under vacuum to maximize shelf life.

When stored in the original packaging at room temperature, the product will maintain its initial properties for an extended period. Consult a representative at [sales@poly-med.com](mailto:sales@poly-med.com) for more details.

### KEY APPLICATIONS

- ◇ 3D Printing
- ◇ Textile Knitting
- ◇ Injection Molding
- ◇ Electrospinning
- ◇ Tubing
- ◇ Fiber Extrusion



### MATERIAL SPECS

COMPOSITION	84% L, 11% TMC, 5% CAP
ITEM NO.	01209
APPEARANCE	White to off-white
GRANULE SIZE	1.0 to 4.0 mm
INHERENT VISC.	≥ 2.4 dL/g
ELEMENTAL	Tested to USP 232/233

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# POLY-MED, INC.

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## LACTOPRENE® 8812

PRODUCT SPECIFICATION DATA SHEET

### PRODUCT DESCRIPTION

Lactoprene® 8812 is a linear block copolymer that can be processed into a variety of formats. Its appearance is white to off-white granules. This polymer typically loses strength in about 6 to 12 months and mass loss in about 18 to 36 months, depending on processing, physiological environment, and anatomical location.

### PACKAGING

Polymer is packaged into 100 or 500 gram quantities. Standard packaging consists of an inner polyethylene bag sealed inside a durable foil pouch to ensure protection from moisture and light.

### STORAGE / HANDLING

After opening the original packaging, it is highly recommended to keep the material protected from UV light, in inert conditions, and under vacuum to maximize shelf life.

When stored in the original packaging at room temperature, the product will maintain its initial properties for an extended period. Consult a representative at [sales@poly-med.com](mailto:sales@poly-med.com) for more details.

### KEY APPLICATIONS

- ◇ 3D Printing
- ◇ Textile Knitting
- ◇ Injection Molding
- ◇ Electrospinning
- ◇ Tubing
- ◇ Fiber Extrusion



### MATERIAL SPECS

COMPOSITION	88% L, 12% TMC
ITEM NO.	01204
APPEARANCE	White to off-white
GRANULE SIZE	0.5 to 4.0 mm
INHERENT VISC.	2.0 to 2.7 dL/g
ELEMENTAL	Tested to USP 232/233

*Leaders in Bioresorbables*

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