

LACTOPRENE® 7415

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 for more details.

KEY APPLICATIONS

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

www.poly-med.com

PRODUCT SPECIFICATION DATA SHEET



MATERIAL SPECS

COMPOSITION
ITEM NO.
APPEARANCE
GRANULE SIZE
INHERENT VISC.
ELEMENTAL

74% L, 15% TMC, 11% CAP 01262 White to off-white < 4.0 mm 2.1 to 2.9 dL/g 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.

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MKT 37-00-004 Rev 4

sales@poly-med.com



LACTOPRENE® 8411

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 <u>sales@poly-med.com</u> for more details.

KEY APPLICATIONS

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

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PRODUCT SPECIFICATION DATA SHEET



MATERIAL SPECS

COMPOSITION
ITEM NO.
APPEARANCE
GRANULE SIZE
INHERENT VISC
ELEMENTAL

84% L, 11% TMC, 5% CAP 01209 White to off-white 1.0 to 4.0 mm ≥ 2.4 dL/g Tested to USP 232/233

Leaders in Bioresorbables

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MKT 37-00-005 Rev 4

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LACTOPRENE® 8812

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 <u>sales@poly-med.com</u> for more details.

KEY APPLICATIONS

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

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PRODUCT SPECIFICATION DATA SHEET



MATERIAL SPECS

APPEARANCE W GRANULE SIZE 0 INHERENT VISC. 2	COMPOSITION	88
GRANULE SIZE0INHERENT VISC.2	ITEM NO.	0
INHERENT VISC. 2	APPEARANCE	\sim
	GRANULE SIZE	0.
ELEMENTAL Te	INHERENT VISC.	2.
	ELEMENTAL	Te

88% L, 12% TMC 01204 White to off-white 0.5 to 4.0 mm 2.0 to 2.7 dL/g Tested to USP 232/233

Leaders in Bioresorbables

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