

## Bolt Threads, Inc.

FKA: Refactored Materials Inc, operates as a materials innovation company that produces fibers for the global textiles market. These fiber products deliver new combinations of properties to enable long sought-after features and functionality in consumer apparel. The synthetic biology platform developed by Refactored Materials enables the rapid discovery and commercialization of novel products that capture the consumer's imagination and push the boundaries of performance, feel, and sustainability for textiles.

- **Address:** 5858 Horton St., Suite 400, Emeryville, CA, 94608
- **Geographic Region:** Silicon Valley
- **Industry:** Advanced Special Materials/Chemicals
- **SIC Codes:** 2231 - Broadwoven Fabric Mills, Wool (Including Dyeing and Finishing) (except wool finishing only), 8731 - Commercial Physical and Biological Research
- **NAICS Codes:** 313312 - Textile and Fabric Finishing (except Broadwoven Fabric) Mills, 541712 - Research and Development in the Physical, Engineering, and Life Sciences (except Biotechnology)
- **Legal Counsel:** Fenwick & West LLP
- **Company Website:** boltthreads.com

### Key Management

- **Levin, Sue** - Chief Commercial Officer
- **Widmaier, Daniel** - Co-Founder, CEO, Director
- **Breslauer, David** - Co-Founder, Chief Science Officer, Director
- **Mirsky, Ethan** - Co-Founder, VP Operations, Director
- **Hochman, Steve** - DEL
- **Kim, Jim** - Director
- **Fiddler, Jerry** - Director
- **Vassallo, Steve** - Director
- **Torre, David** - VP, Finance and Accounting
- **Mishra, Hitendra** - VP, Information Systems
- **Esmaili-Montoya, Sholeh** - VP, People Operations
- **Patist, Alex** - VP, Process Development
- **Bainbridge, Jamie** - VP, Product Development

### Investors

- **Alafi Capital Co.**
- **Baillie Gifford & Co**
- **Fidelity Management & Research Company**
- **Formation 8 Partners LP**
- **Foundation Capital**
- **Temasek Holdings Pte, Ltd.**
- **The Founders Fund**
- **Undisclosed Firm**

## Investment Data

Date	Amount	Valuation	Est. Fully Diluted Shares	Preferred Price Per Share
01/23/2018	\$67.40	\$677,311,154	42,228,329	\$16.04
<b>Preferred Price Per Share: \$16.04</b>		<b>Participating Preferred Cap: -</b>		
<b>Round: Series D</b>		<b>Anti-Dilution: Weighted Average</b>		
<b>Direction: Up Round</b>		<b>Redemption: No</b>		
<b>Liquidation Preference: Pari Passu</b>		<b>Cumulative Dividends: No</b>		
<b>Liquidation Multiple: 0 - 1x</b>		<b>Dividend Rate: 8</b>		
<b>Stock Type: Conventional Convertible</b>		<b>Reorganization: No</b>		
<b>Capped Participation: No</b>		<b>Pay to Play: No</b>		
		<b>Pay to Play Penalties: -</b>		
Date	Amount	Valuation	Est. Fully Diluted Shares	Preferred Price Per Share
09/29/2017	\$56.89	\$598,016,015	37,284,514	\$16.04
<b>Preferred Price Per Share: \$16.04</b>		<b>Participating Preferred Cap: -</b>		
<b>Round: Series D</b>		<b>Anti-Dilution: Weighted Average</b>		
<b>Direction: Up Round</b>		<b>Redemption: No</b>		
<b>Liquidation Preference: Pari Passu</b>		<b>Cumulative Dividends: No</b>		
<b>Liquidation Multiple: 0 - 1x</b>		<b>Dividend Rate: 8</b>		
<b>Stock Type: Conventional Convertible</b>		<b>Reorganization: No</b>		
<b>Capped Participation: No</b>		<b>Pay to Play: No</b>		
		<b>Pay to Play Penalties: -</b>		
Date	Amount	Valuation	Est. Fully Diluted Shares	Preferred Price Per Share
12/11/2015	\$34.87	\$280,511,838	33,112,025	\$8.47
<b>Preferred Price Per Share: \$8.47</b>		<b>Participating Preferred Cap: -</b>		
<b>Round: Series C</b>		<b>Anti-Dilution: Weighted Average</b>		
<b>Direction: Up Round</b>		<b>Redemption: No</b>		
<b>Liquidation Preference: Pari Passu</b>		<b>Cumulative Dividends: No</b>		
<b>Liquidation Multiple: 0 - 1x</b>		<b>Dividend Rate: 8.00</b>		
<b>Stock Type: Conventional Convertible</b>		<b>Reorganization: NO</b>		
<b>Capped Participation: No</b>		<b>Pay to Play: No</b>		
		<b>Pay to Play Penalties: -</b>		
Date	Amount	Valuation	Est. Fully Diluted Shares	Preferred Price Per Share
04/11/2014	\$32.39	\$95,864,891	28,269,972	\$3.39
<b>Preferred Price Per Share: \$3.39</b>		<b>Participating Preferred Cap: -</b>		

**Round:** Series B

**Anti-Dilution:** Weighted Average

**Direction:** Up Round

**Redemption:** No

**Liquidation Preference:** Pari Passu

**Cumulative Dividends:** No

**Liquidation Multiple:** 0 - 1x

**Dividend Rate:** 8.00

**Stock Type:** Conventional Convertible

**Reorganization:** NO

**Capped Participation:** No

**Pay to Play:** No

**Pay to Play Penalties:** -

Date	Amount	Valuation	Est. Fully Diluted Shares	Preferred Price Per Share
08/12/2011	\$5.12	\$15,913,640	17,034,511	\$0.93

**Preferred Price Per Share:** \$0.93

**Participating Preferred Cap:** -

**Round:** Series A

**Anti-Dilution:** Weighted Average

**Direction:** Not Applicable

**Redemption:** No

**Liquidation Preference:** Not Applicable

**Cumulative Dividends:** No

**Liquidation Multiple:** 0 - 1x

**Dividend Rate:** 8.00

**Stock Type:** Conventional Convertible

**Reorganization:** NO

**Capped Participation:** No

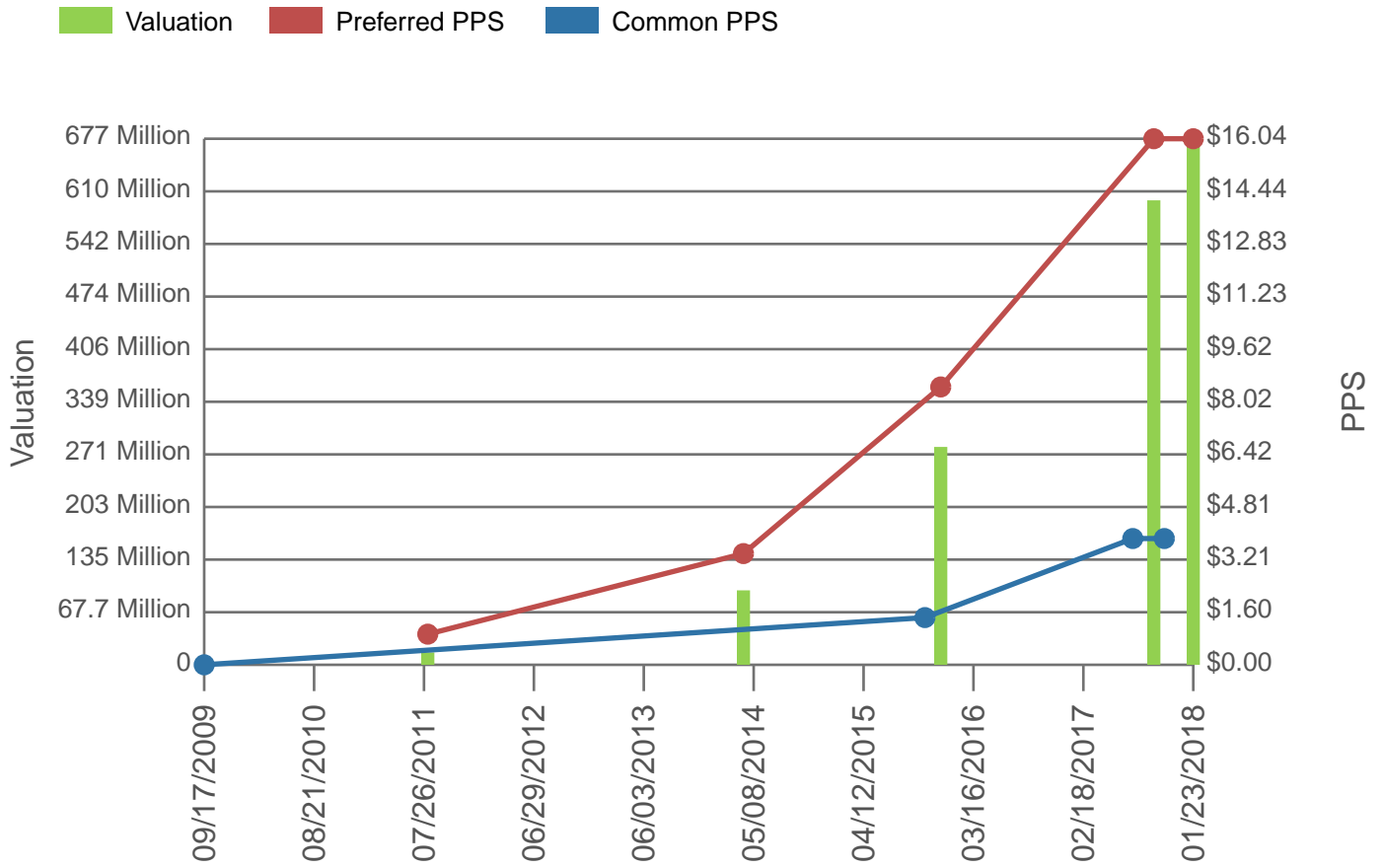
**Pay to Play:** No

**Pay to Play Penalties:** -

## Fair Market Value per Common Share

Filing Date	Shares	Price per Share
10/31/2017	1,107,320	\$3.85
07/27/2017	522,092	\$3.85
10/24/2015	726,515	\$1.44
09/17/2009	1,000,000	\$0.00

## Price Per Share With Valuation



## Valuation

Date	Valuation
08/12/2011	\$15,913,640.00
04/11/2014	\$95,864,891.00
12/11/2015	\$280,511,838.00
09/29/2017	\$598,016,015.00
01/23/2018	\$677,311,154.00

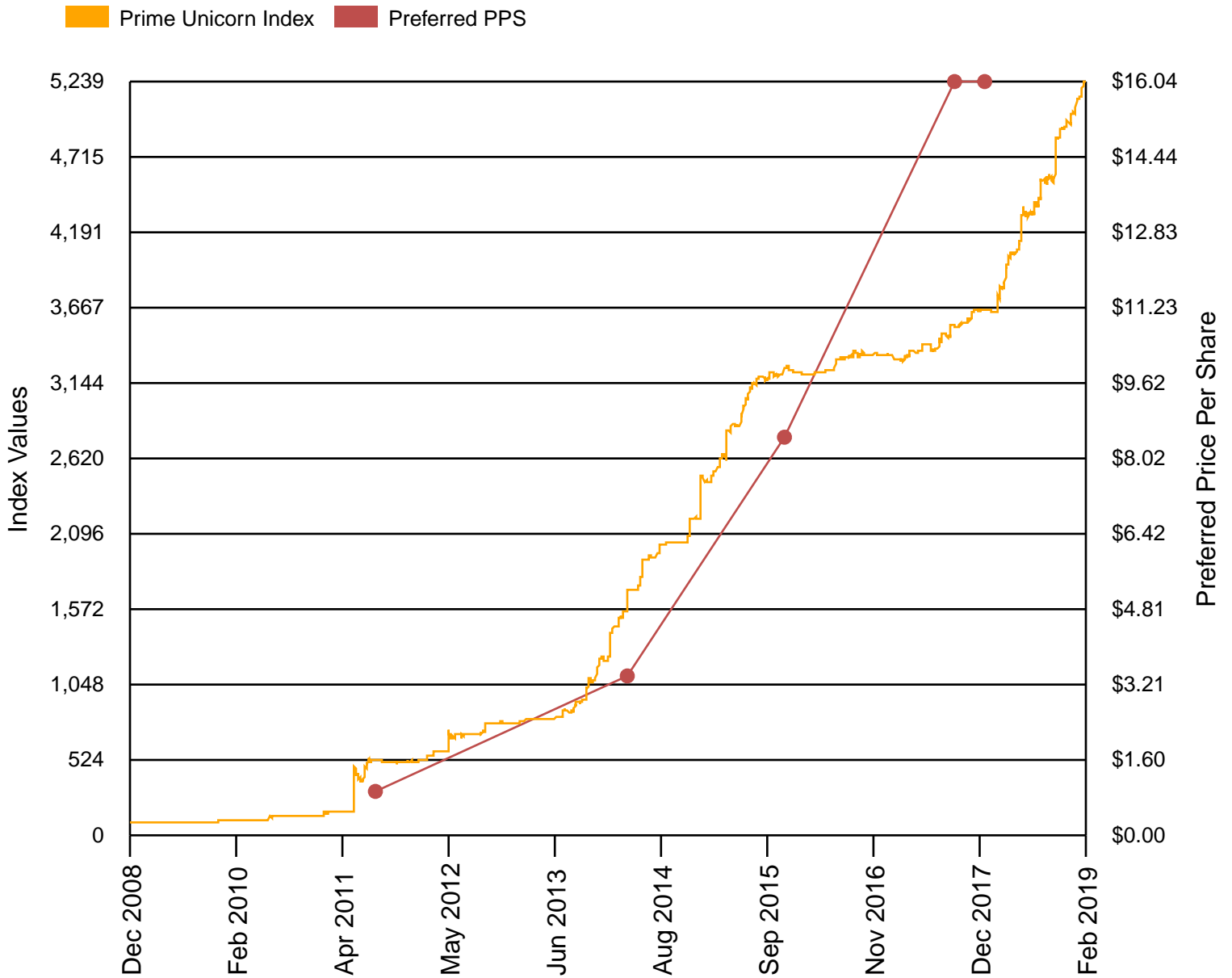
## Preferred PPS

Date	PPS
08/12/2011	\$0.93
04/11/2014	\$3.39
12/11/2015	\$8.47
09/29/2017	\$16.04
01/23/2018	\$16.04

## Common PPS

Date	PPS
09/17/2009	\$0.00
10/24/2015	\$1.44
07/27/2017	\$3.85
10/31/2017	\$3.85

## Prime Unicorn Index



## What Do The Deal Terms Mean?

**Preferred Stock:** A class of capital stock that may pay dividends at a specified rate and that has priority over common stock in the payment of dividends and the liquidation of assets. Many venture capital funds use preferred stock as their investment vehicle. This preferred stock is convertible into common stock.

**Dividends:** The payments designated by the Board of Directors to be distributed among the shares outstanding. The type of share determines the amount. On preferred shares, it is generally a fixed amount. With common shares, the dividend can be omitted if the Directors decide to invest the money in a capital expenditure or if the business is slumping. If the dividend is paid, the amount varies depending on the amount of cash on hand.

*There are several types of dividends:*

**Cumulative**—Missed dividend payments that continue to accrue.

**Non-cumulative**—Missed dividend payments that do not accrue.

**Liquidation Preference/Multiple:** The amount per share that a holder of a given series of Preferred Stock will receive prior to distribution of amounts to holders of other series of Preferred Stock or Common Stock. This is usually designated as a multiple of the Issue Price, for example 2X or 3X, and there may be multiple layers of Liquidation Preferences as different groups of investors buy shares in different series. For example, holders of Series B Preferred Stock may be entitled to receive 3X their Issue Price, and then if any money is left, holders of Series A Preferred Stock may be entitled to receive 2X their Issue Price and then holders of Common Stock receive whatever is left. The trigger for the payment of the Liquidation Preference is typically a sale or liquidation of the company, such as a merger or sale of assets.

**Conventional Convertible Preferred Stock:** A type of preferred stock that can also be referred to as Non-Participating Preferred Stock. This preferred stock typically receives a liquidation preference prior to the common stock, and does not participate on an as-if-converted basis with common stock in any remaining proceeds of a defined liquidation event. Upon such a liquidation event, holders of Conventional Convertible Preferred Stock must choose whether to receive their liquidation preference or convert their shares to Common Stock in order to participate in the pro rata distribution of assets.

**Participating Preferred Stock:** A preferred stock entitles the owner to receive a predetermined sum of cash (usually the original investment plus accrued dividends), and also allows its holders to participate on an as-if-converted-basis with the common stock holders in any remaining proceeds of a defined liquidation event. The holder need not elect to convert or receive the liquidation preferred, hence the name double dip. The right, however, to double dip may be capped at, say, the recoup of sale proceeds no greater than 2X, or two times the liquidation preference; to make more, the holder must convert.

**Anti Dilution Protection:** Contractual measures that allow investors in convertible preferred shares an automatic reduction in the conversion price, meaning more common shares on conversion, if a subsequent round is a down round, thereby mitigating down round dilution.

**Full Ratchet Anti Dilution:** The sale of a single share at a price less than the favored investors paid reduces the conversion price of the favored investors' convertible preferred stock to the penny, for example, from \$1.00 to 50 cents, regardless of the number of lower priced shares sold.

**Weighted Average Anti Dilution:** The investor's conversion price is reduced, and thus the number of common shares received on conversion increased, in the case of a down round; it takes into account both: (a) the reduced price and, (b) how many shares (or rights) are issued in the dilutive financing.

Learn more about Weighted Average Anti Dilution

**Pay-to-Play Provisions:** A Pay to Play provision is a requirement for an existing investor to participate in a subsequent investment round, especially a Down Round. Where Pay to Play provisions exist, an investor's failure to purchase its pro-rata portion of a subsequent investment round will result in conversion of that investor's Preferred Stock into Common Stock or another less valuable series of Preferred Stock.

**Redeemable Preferred Stock:** Redeemable preferred stock, also known as exploding preferred, is redeemable at its cost plus accrued dividends, at the holder's option after (typically) five years, which in turn gives the holders (potentially converting to creditors) leverage to induce the company to arrange a liquidity event. The threat of creditor status can move the founders off the dime if a liquidity event is not occurring with sufficient rapidity.

**Post-Money Valuation:** The valuation of a company immediately after the most recent round of financing. For example, a venture capitalist may invest \$3.5 million in a company valued at \$2 million pre-money (before the investment was made). As a result, the startup will have a post-money valuation of \$5.5 million.

View more private company financing terms in VC Experts Glossary.



## Overview

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The Prime Unicorn Index is an equally-weighted price return index that measures the share price performance of U.S. private companies valued at \$500 million or more. The price changes of component companies are derived from publicly available information associated with company transactions, filings, and other disclosures. The index provides empirical data to asset managers and financial advisors interested in tracking today's private capital markets. The index is designed for use in the creation of financial products and as a performance benchmark.

## Index Methodology

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The rules for component eligibility, index composition, calculation, and maintenance are based on the Prime Unicorn Index Methodology. The index universe includes all US private companies with market valuations that are equal to or greater than \$500 million. Component eligibility and price inputs are derived from publicly available information, such as federal filings (e.g., Form D), state filings (e.g., amendments to Certificates of Incorporation, Limited Offering Exemption Notices, Employee Plan Exemption Notices) and company disclosures (e.g., press releases, other public statements). The index calculation model is based on actual or derived prices of preferred stock and common stock, which are validated by the index operations team. Corporate actions, such as bankruptcies, stock splits, reorganizations, mergers and acquisitions, and spinoffs are monitored on a daily basis. Index values are calculated for each day, but distributed on a weekly basis each Thursday. The index is reviewed and reconstituted on a quarterly basis on the third Wednesday of each January, April, July and October. For more detailed methodology information, please see the Prime Unicorn Index Methodology Guide.

The Prime Unicorn Index was designed and developed by Lagniappe Labs and Level ETF Ventures' Prime Indexes group. The Prime Unicorn Index Committee provides oversight of index calculation and maintenance, as well as ongoing evaluation of the index methodology and related rules.

## Disclaimer

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