

Contents

EDITORIAL

Moving forward... 05

Report Abstracts

Polybutadiene Market Worth 12.71 Billion USD by 2022 09
ABioresorbable Polymers Market Analysis 2016-2025 10
Edison Issues Initiation on Lepidico (LPD) 12

NEWS ROUND UP

Indian Pharmaceutical Industry braces for the big transition 13

The important role of Intermediates across Industries 16

SALT! 23

Decathlon India launches new Quechua Passion sports bottles made with Tritan™ from Eastman 34

EMD Performance Materials Announces Comprehensive Materials Solutions for Chip Miniaturization and Smart Packaging 59

AkzoNobel adds golden touch to China's high-speed train technology 47

Industry is a driver of innovation for global climate protection 52

Impact-resistant plastic stands up to rigorous HAI cleaning protocols 61

Views & Statements 38
Events & Conferences 50
Sales Enquiries 65
Purchase Enquiries 67
Advertising Options 40

Market Prices

Chemical Indian Ports Prices /Booking Prices
Producer Prices 43
Dyes Market Prices 46
Dyes Intermediates Market Prices 53
Pharmaceuticals Market Prices 54

NEWS SNIPPETS

Drug and Pharma News 18
Chemical Technology 25
New Products 28
Mergers And Acquisitions 29
News From Abroad 31

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Published by

Parimal B. Parikh at

4, Tiwari Bhuwan, Ground Floor, Subhash Lane, Near Mayur Cinema, Kandivali West Mumbai 400067.
Mobile:91-87798-30330
Phone:91-98196-44048 / 91-98191-92475
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Printed at

Alps Printing Press 202/203, Alankar Ind Estate, Off Arrey Road, Goregoan (E), Mumbai - 400063

Office Address: DCM Media Private Limited
Level 17, DLH Park Compound,
S.V.Road, Goregoan West, Mumbai - 400064
Phone: 98196-44048/91-877-9830330

Polybutadiene Market Worth 12.71 Billion USD by 2022

The report "Polybutadiene Market by Type (Solid Polybutadiene (High Cis, Low Cis, High Trans, High Vinyl), Liquid Polybutadiene), Application (Tires, Polymer modification, Industrial rubber, Chemical), and Region - Global Forecast to 2022", published by MarketsandMarkets™, the market size of polybutadiene is estimated to grow from USD 6.56 Billion in 2016 to USD 12.71 Billion by 2022, at a CAGR of 5.3% from 2017 to 2022.

The growth of the market is fuelled by the growing demand for polybutadiene from the tire industry owing to its unique properties, such as toughness, good abrasion resistance, cold resistance, high tensile strength, high resilience, tear resistance, and durability.

These properties make polybutadiene suitable for various applications, including tire, polymer modification, chemical, and industrial rubber manufacturing.

Tire application estimated to lead the Polybutadiene Market

Polybutadiene are used in various applications, such as tire, polymer modification, chemical, industrial rubber manufacturing, and others. The tire application segment is estimated to lead the Polybutadiene Market in terms of value as well as volume in 2017.

The demand for polybutadiene in the tire industry is primarily driven by its excellent physical properties, such as toughness, good abrasion resistance, cold resistance, high tensile strength, high resilience, tear resistance, and durability.

Solid polybutadiene rubber: the most widely used type of polybutadiene

The solid polybutadiene segment is expected to lead the Polybutadiene Market. It is primarily used in the automotive industry, especially in the manufacturing of tires. Solid polybutadiene possesses several physical properties, such as high tensile strength as well as excellent abrasion and tear resistance. Solid polybutadiene is divided into high cis, low cis, high vinyl, and high trans. High cis is widely used in tire application as it provides better green strength and high cut growth resistance properties.

Asia-Pacific: The largest market for polybutadiene

Asia-Pacific is estimated to be the leading market for polybutadiene. Thailand is projected to be the fastest-growing market for polybutadiene during the forecast period while China was the largest market, in terms of both value and volume, in 2016. India, Japan, and South Korea are other countries contributing to the growth of Polybutadiene Market in this region. The increasing demand for polybutadiene from the end-

use industries such as tires, polymer modification, and others is expected to drive the growth of the Polybutadiene Market in these countries.

The major players in Polybutadiene Market are JSR Corporation (Japan), LANXESS AG (Germany), Kuraray Co. Ltd. (Japan), UBE Industries Ltd. (Japan), SABIC (Saudi Arabia), LG Chem Ltd. (South Korea), Versalis S.p.A. (Italy), Sinopec (China), Reliance Industries Ltd (India), PJSC Sibur Holdings (Russia), Kumho Petrochemical Co. Ltd. (South Korea) and Total Cray Valley (US).

Top 15 Petrochemicals Market (Ethylene, Propylene, Benzene, Butadiene, Toluene, Xylenes, Ethylene Oxide, Propylene Oxide, Methanol, PE, PP, PVC, PS, PET, ABS), Applications, and Region - Global Forecast to 2021

<http://www.marketsandmarkets.com/Market-Reports/top-15-petrochemicals-market-193785497.html>

Source: Markets and Markets

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Bioresorbable Polymers Market Analysis 2016-2025: Focus on Polylactic Acid (PLA), Polyglycolic Acid (PGA), Polycaprolactone, Polysaccharides & Proteins

This report abstract is available from

<https://www.researchandmarkets.com/research/fntcc8/bioresorbable>

Research and Markets has announced the addition of the "Bioresorbable Polymers Market Analysis By Product (Polylactic Acid (PLA), Polyglycolic Acid (PGA), Polycaprolactone, Polysaccharides, Proteins), By Application (Drug Delivery, Orthopedics), Competitive Landscape, And Segment Forecasts, 2014 - 2025" report to their offering.

The global bioresorbable polymer market is anticipated to reach USD 2.26 billion by 2025, according to this new report. The growing demand in the medical sector, owing to its hydrolytically degrading property in the body is projected to increase the global market growth.

The increasing health awareness, improving healthcare facilities worldwide and growing surgery procedures across the globe will have a positive impact on the bioresorbable polymers industry growth in the overcoming years.

The increasing product demand for drug delivery application is another key factor for market development over the forecast period. The harmless decomposition and its chemically neutral nature in the body make them suitable for drug delivery segment.

The PLA-based product demand exceeded 89 tons in 2015, which is projected to remain as the largest

and fastest growing segment over the upcoming years. The PLA market is growing dramatically in the pharmaceutical sector owing to its distinctive feature of being biodegradable and biocompatible.

Further Key Findings from the Study Suggest:

- The global bioresorbable polymers demand was over 298 tons in 2015 and is expected to grow at an estimated CAGR of 14.3% over the projected period
- The PCL-based product market accounted for over 13% of the total revenue in 2015
- Orthopedics was the leading application segment with demand exceeding 45% in 2015
- The bioresorbable polymer market in drug delivery application is estimated to have the highest growth at a CAGR of over 14% from 2016 to 2025
- The U.S. polyglycolic acid product market generated revenue worth of USD 31.5 million in 2015 and is expected to reach a total revenue of over USD 110 million by 2025
- Polysaccharides demand in Europe is estimated to exceed a total revenue of USD 470 million by the end of forecast

period

• Factors such as changing consumption patterns, technological advancements, and rising government initiatives, are anticipated to influence the market in the overcoming years

• Influential companies operating in this market include Carillion NV, Evonik Industries AG, Poly-Med, Inc., Foster Corporation and KLS Martin Group

• Evonik and Carillion dominated the global market together accounting for over 50% of the total revenue in 2015

Key Topics Covered:

1. Methodology and Scope
2. Executive Summary
3. Bioresorbable Polymer Market Variables, Trends & Scope
 - 3.1 Market segmentation & scope
 - 3.2 Penetration & growth prospect mapping
 - 3.3 Value chain analysis
 - 3.4 Raw material trend
 - 3.5 Technological trend
 - 3.6 Regulatory framework
 - 3.7 Market dynamics
 - 3.8 Industry analysis - Porter's
 - 3.9 PESTEL analysis

4 Bioresorbable Polymer Market: Product Estimates & Trend Analysis

4.1 Product movement analysis & market share, 2015 & 2025

4.2 Market size forecasts and trend analysis by product, 2014 - 2025

4.2.1 Polysaccharides

4.2.2 Proteins

4.2.3 Polylactic Acid

4.2.4 Polyglycolic Acid

4.2.5 Polycaprolactone

5 Bioresorbable Polymer Market: Application Estimates & Trend Analysis

5.1 Application movement analysis & market share, 2015 & 2025

5.2 Market size forecasts and trend analysis by product, 2014 - 2025

5.2.1 Orthopedics

5.2.2 Drug Delivery

5.2.3 Others

6 Bioresorbable Polymer Market: Regional Estimates & Trend Analysis

7 Competitive Landscape

7.1 Vendor landscape

7.2 Competitive environment

7.3 Company market positioning

7.4 Strategy framework

8 Company Profiles

Carbion NV

Evonik Industries AG

Poly-Med, Inc.

KLS Martin Group

Foster Corporation

For more information about this report visit <https://www.researchandmarkets.com/research/fntcc8/bioresorbable>

Source: Research and Markets

Edison Issues Initiation on Lepidico (LPD)

This report abstract is by Edison and available at <http://www.edisoninvestmentresearch.com/research/report/lepidico/preview>

Central to Lepidico is its disruptive (patent-pending) L-Max® (hereafter L-Max) metallurgical technology that recovers lithium from micas (eg lepidolite), and therefore holds out the prospect of creating a new source of lithium supply.

Despite being an abundant lithium-bearing mineral, lepidolite has hitherto been overlooked as there has been no commercial process by which to process it economically.

This report necessarily values Lepidico on the basis of the pre-feasibility study (PFS) performed on a proposed Phase 1 L-Max plant at Kenora, Canada.

Beyond that however, there are a number of development options including

1) scaling up the process to full industrial scale (Phase 2);

2) securing lepidolite resources cheaply and developing them into multiple dedicated mines; and

3) developing relationships with third-party mining companies to provide further feed sources to its plant(s).

Edison estimates that execution of the PFS according to the operational parameters contained therein will result in free cash flow to Lepidico of A\$28.4m per annum once steady-state production at the Phase 1 L-Max has been achieved.

Assuming US\$30m (A\$39.8m) of equity financing at the prevailing share price, this implies a valuation for Lepidico of A\$0.0202/sh currently, rising to A\$0.0296 in FY22, based solely on discounting our estimate of

(maximum potential) future dividends to shareholders derived from the Phase 1 plant at a rate of 10% per annum (fully diluted) - ie no value is ascribed to the development of the Phase 2 plant or other development options.

As such, an investment in Lepidico may be considered to be an underwritten call on its L-Max technology.

All reports published by Edison are available to download free of charge from its website

<http://www.edisoninvestmentresearch.com>

Edison is an investment research and advisory company, with offices in North America, Europe, the Middle East and AsiaPac.

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