

Global Ionic Type Electroactive Polymers Market Research Report 2023

<https://marketpublishers.com/r/G30D5B8CC08EEN.html>

Date: December 2023

Pages: 94

Price: US\$ 2,900.00 (Single User License)

ID: G30D5B8CC08EEN

Abstracts

Electroactive Polymers are polymers that exhibit a change in size or shape when stimulated by an electric field. A typical characteristic property of an EAP is that they will undergo a large amount of deformation while sustaining large forces. In the field of “active materials”, electroactive polymers stand out due to their large active deformation potential, high response speed, low density and improved resilience.

According to QYResearch’s new survey, global Ionic Type Electroactive Polymers market is projected to reach US\$ 2598 million in 2029, increasing from US\$ 1660.2 million in 2022, with the CAGR of 6.5% during the period of 2023 to 2029. Influencing issues, such as economy environments, COVID-19 and Russia-Ukraine War, have led to great market fluctuations in the past few years and are considered comprehensively in the whole Ionic Type Electroactive Polymers market research.

The future of the high-performance material market looks promising with opportunities in the construction, automotive, electrical, and food & beverages applications. The global high-performance material market is expected to grow with a CAGR of 9% to 11% from 2023 to 2029. The major drivers for this market are high-quality components demand from designers are increasing, rising demand in end-use sectors, and increasing number of manufacturers and suppliers in the fluid handling industry.

Report Scope

This report, based on historical analysis (2018-2022) and forecast calculation (2023-2029), aims to help readers to get a comprehensive understanding of global Ionic Type Electroactive Polymers market with multiple angles, which provides sufficient supports to readers’ strategy and decision making.

By Company

Sabir

3M

RTP Company

Parker Hannifin

Merck Kgaa

Premix

Heraeus Group

The Lubrizol Corporation

Covestro

PolyOne Corporation

Cabot

Celanese

Rieke Metals

Kenner Material & System

Segment by Type

Ionic Polymer Gel (IPG)

Ionomeric Polymer-Metal Composites (IPMC)

Conductive Polymers (CP)

Carbon Nanotubes (CNT)

Others

Segment by Application

Actuators

Sensors

Consumer Electronics

Medical

Others

Production by Region

North America

Europe

China

Japan

Consumption by Region

North America

United States

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

China Taiwan

Southeast Asia

India

Latin America, Middle East & Africa

Mexico

Brazil

Turkey

GCC Countries

The Ionic Type Electroactive Polymers report covers below items:

Chapter 1: Product Basic Information (Definition, type and application)

Chapter 2: Manufacturers' Competition Patterns

Chapter 3: Production Region Distribution and Analysis

Chapter 4: Country Level Sales Analysis

Chapter 5: Product Type Analysis

Chapter 6: Product Application Analysis

Chapter 7: Manufacturers' Outline

Chapter 8: Industry Chain, Market Channel and Customer Analysis

Chapter 9: Market Opportunities and Challenges

Chapter 10: Market Conclusions

Chapter 11: Research Methodology and Data Source

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