

# Global Hyperspectral Imaging for Plastic Recycling Market Growth 2024-2030

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## Abstracts

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Hyperspectral Imaging system to identify and classify mixed plastic waste. The samples including polyethylene terephthalate bottle (PET BOTTLE), polyethylene terephthalate sheet (PET SHEET), polyethylene terephthalate glycol (PET G), polyvinyl chloride (PVC), and polycarbonates (PC). PET is normally used for drink bottles, PVC for the construction of pipes, and PC for electronic components.

The global Hyperspectral Imaging for Plastic Recycling market size is projected to grow from US\$ million in 2024 to US\$ million in 2030; it is expected to grow at a CAGR of %from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the “Hyperspectral Imaging for Plastic Recycling Industry Forecast” looks at past sales and reviews total world Hyperspectral Imaging for Plastic Recycling sales in 2023, providing a comprehensive analysis by region and market sector of projected Hyperspectral Imaging for Plastic Recycling sales for 2024 through 2030. With Hyperspectral Imaging for Plastic Recycling sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Hyperspectral Imaging for Plastic Recycling industry.

This Insight Report provides a comprehensive analysis of the global Hyperspectral Imaging for Plastic Recycling landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Hyperspectral Imaging for Plastic Recycling portfolios and capabilities,

market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Hyperspectral Imaging for Plastic Recycling market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Hyperspectral Imaging for Plastic Recycling and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Hyperspectral Imaging for Plastic Recycling.

Plastic waste has in recent years become one of the world's biggest environmental concerns.

due to its wide and versatile use. More than 300 million tons of plastics is produced globally

every year while as much as half of this is thrown away. In Europe, plastic waste that can enter

the circular economy only accounts for 30%. This is because conventional recycling is struggling with the increasing amounts and complexity of plastic waste.

To reduce landfill or litter of plastics, there is an urgent need to develop innovative techniques

to increase the recycling efficiency and lower the cost. One important aspect is to sort the

different plastic types prior to re-melting as recycling of mixed plastics result in reduced quality limiting its applicability, but also the number of times it can be reused. Hyperspectral

imaging has exhibited great potential in solving this problem in a time- and cost-efficient way.

This report presents a comprehensive overview, market shares, and growth opportunities of Hyperspectral Imaging for Plastic Recycling market by product type, application, key manufacturers and key regions and countries.

#### Segmentation by Type:

Visible + Near Infrared Light

Short-Wavelength Infrared

Others

#### Segmentation by Application:

PET

PVC

PA

HDPE

PP

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

## APAC

China

Japan

Korea

Southeast Asia

India

Australia

## Europe

Germany

France

UK

Italy

Russia

## Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Headwall Photonics

Resonon

IMEC

EVK DI Kerschhaggl

Cubert

Galileo

Specim

Gooch & Housego

Surface Optics

Norsk Elektro Optikk A/S

Wayho Technology

BaySpec

### Key Questions Addressed in this Report

What is the 10-year outlook for the global Hyperspectral Imaging for Plastic Recycling market?

What factors are driving Hyperspectral Imaging for Plastic Recycling market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Hyperspectral Imaging for Plastic Recycling market opportunities vary by end market size?

How does Hyperspectral Imaging for Plastic Recycling break out by Type, by Application?

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