

Dynasil Corporation of America Fundamental Company Report Including Financial, SWOT, Competitors and Industry Analysis

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Abstracts

Dynasil Corporation of America Fundamental Company Report provides a complete overview of the company's affairs. All available data is presented in a comprehensive and easily accessed format. The report includes financial and SWOT information, industry analysis, opinions, estimates, plus annual and quarterly forecasts made by stock market experts. The report also enables direct comparison to be made between Dynasil Corporation of America and its competitors. This provides our Clients with a clear understanding of Dynasil Corporation of America position in the [Computers and Electronic Equipment](#) Industry.

The report contains detailed information about Dynasil Corporation of America that gives an unrivalled in-depth knowledge about internal business-environment of the company: data about the owners, senior executives, locations, subsidiaries, markets, products, and company history.

Another part of the report is a SWOT-analysis carried out for Dynasil Corporation of America. It involves specifying the objective of the company's business and identifies the different factors that are favorable and unfavorable to achieving that objective. SWOT-analysis helps to understand company's strengths, weaknesses, opportunities, and possible threats against it.

The Dynasil Corporation of America financial analysis covers the income statement and ratio trend-charts with balance sheets and cash flows presented on an annual and quarterly basis. The report outlines the main financial ratios

pertaining to profitability, margin analysis, asset turnover, credit ratios, and company's long-term solvency. This sort of company's information will assist and strengthen your company's decision-making processes.

In the part that describes Dynasil Corporation of America competitors and the industry in whole, the information about company's financial ratios is compared to those of its competitors and to the industry. The unique analysis of the market and company's competitors along with detailed information about the internal and external factors affecting the relevant industry will help to manage your business environment. Your company's business and sales activities will be boosted by gaining an insight into your competitors' businesses.

Also the report provides relevant news, an analysis of PR-activity, and stock price movements. The latter are correlated with pertinent news and press releases, and annual and quarterly forecasts are given by a variety of experts and market research firms. Such information creates your awareness about principal trends of Dynasil Corporation of America business.

About Dynasil Corporation of America

Dynasil Corporation of America engages in the development and manufacturing of specialized sensors, precision instruments, and optical products, including nuclear detectors and medical probes, for the medical, industrial, and homeland security/defense markets.

The company is consists of six business units in two business segments, five of which manufacture commercial products in the optics/photronics products and instruments segment, including the original optical materials business, optical components, optical coatings, optical instruments, and optical crystal growth. The sixth business unit is involved in the contract research segment.

Optics/ Photonics Products and Instruments segment

The company manufactures optics/photronics products and instruments, including optical materials, components, coatings, specialized instruments, and synthetic crystals for a range of applications markets in the medical, industrial, and homeland security/defense sectors. Its products include optical instruments, as well as components that are used for optical instruments, lasers, analytical instruments, semiconductor/

electronic devices, automotive components, spacecraft/aircraft components, advertising displays, baggage scanners, and in devices for the solar energy industry.

The company also produces various analytical instruments, including instruments designed to measure the Sun Protection Factor (SPF) of sunscreens, handheld instruments to determine whether there is lead in the paint of buildings and whether electronics are in compliance with the Reduction of Hazardous Substances (ROHS) regulations, and medical probes which reduce the scope of cancer surgery.

Contract Research segment

Radiation Monitoring Devices, Inc. (RMD Research) conducts government research under the Small Business Innovation Research (SBIR) program and non-SBIR projects. The research projects are a source for new commercial products in areas, such as medical imaging, industrial sensors, and homeland security.

The company has 37 patents granted, an additional 1 patent approved awaiting issuance, and 19 patents in the application process which are assigned or co-assigned to RMD. Commercialization of new technology is a major focus area for the company. Compact radiation badges are under development for military, industrial, and consumer applications. The project has been funded by the Department of Defense into Phase 3. Another active project is sensors for non-destructive testing which would detect very small cracks for applications, such as aircraft wings, turbine blades, nuclear power plant piping, and other non-destructive testing of metals. Another area of commercialization activity is thin film coatings for medical imaging applications. RMD Research has developed coatings which enable higher speed x-ray imaging, as well as highly sensitive PET sensors used for medical diagnostic procedures.

Suppliers

The company's major supplier for materials and components is Corning Incorporated, which is a primary supplier of the fused silica material that is fabricated and sold by its New Jersey facility.

Acquisitions

In July 2010, the company acquired Hilger Crystals Limited from Newport Corporation, to market the dual mode nuclear detectors, as well as added Hilger's businesses and sales channels to it. Hilger manufactures synthetic crystals for x-ray and gamma ray

detection for homeland security and medical imaging applications.

History

Dynasil Corporation of America was founded in 1960.

The above Company Fundamental Report is a half-ready report and contents are subject to change.

It means that we have all necessary data in our database to prepare the report but need **2-3 days** to complete it. During this time we are also updating the report with respect to the current moment. So, you can get all the most recent data available for the same price. Please note that preparation of additional types of analyses requires extra time.

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ANALYSIS FEATURES

SWOT Analysis

SWOT, which stands for Strengths, Weaknesses, Opportunities and Threats, is an analytical framework that identifies the internal and external factors that are favorable and unfavorable for a company.

Enhanced SWOT Analysis

Enhanced SWOT is a 3x3 grid that arranges strengths, weaknesses, opportunities and threats into one scheme:

How to use the strengths to take advantage of the opportunities?

How to use the strengths to reduce likelihood and impact of the threats?

How to overcome the weaknesses that obstruct taking advantage of the opportunities?

How to overcome the weaknesses that can make the threats a reality?

Upon answering these questions a company can develop a project plan to improve its business performance.

PESTEL Analysis

PESTEL (also termed as PESTLE) is an ideal tool to strategically analyze what influence different outside factors – political, economic, sociocultural, technological, environmental and legal – exert on a business to later chart its long term targets.

Being part of the external analysis when carrying out a strategic assessment or performing a market study, PESTEL gives an overview of diverse macro-environmental factors that any company should thoughtfully consider. By perceiving these outside environments, businesses can maximally benefit from the opportunities while minimizing the threats to the organization.

Key Factors Examined by PESTEL Analysis:

Political – What opportunities and pressures are brought by political bodies and what is the degree of public regulations' impact on the business?

Economic – What economic policies, trends and structures are expected to affect the organization, what is this influence's degree?

Sociological – What cultural and societal aspects will work upon the demand for the business's products and operations?

Technological – What impact do the technological aspects, innovations, incentives and barriers have on the organization?

Environmental – What environmental and ecological facets, both locally and farther afield, are likely to predetermine the business?

Legal – What laws and legislation will exert influence on the style the business is carried out?

IFE, EFE, IE Matrices

The Internal Factor Evaluation matrix (IFE matrix) is a strategic management tool helping audit or evaluate major weaknesses and strengths in a business's functional areas. In addition, IFE matrix serves as a basis for identifying and assessing relationships amongst those areas. The IFE matrix is utilised in strategy formulation.

The External Factor Evaluation matrix (EFE matrix) is a tool of strategic management that is typically utilised to assess current market conditions. It is an ideal instrument for visualising and prioritising the threats and opportunities a firm is facing.

The essential difference between the above mentioned matrices lies in the type of factors incorporated in the model; whilst the latter is engaged in internal factors, the former deals exceptionally with external factors – those exposed to social, political, economic, legal, etc. external forces.

Being a continuation of the EFE matrix and IFE matrix models, the Internal External matrix (IE matrix) rests upon an investigation of external and internal business factors

integrated into one suggestive model.

Porter Five Forces Analysis

The Porter's five forces analysis studies the industry of operation and helps the company find new sources of competitive advantage. The analysis surveys an industry through five major questions:

What composes a threat of substitute products and services?

Is there a threat of new competitors entering the market?

What is the intensity of competitive rivalry?

How big is the bargaining power of buyers?

How significant is the bargaining power of suppliers?

VRIO Analysis

VRIO stands for Value, Rarity, Imitability, Organization. This analysis helps to evaluate all company's resources and capabilities and bring them together into one aggregate table that includes:

Tangible resources

Financial

Physical

Technological

Organizational

Intangible resources

Human

Innovation and Creativity

Reputation

Organizational capabilities

The result of the analysis gives a clear picture of company's competitive and economic implications, answering the questions if the resources mentioned above are:

Valuable?

Rare?

Costly to imitate?

Organized properly?

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