

Global Optical CPI Thin Film Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Optical CPI Thin Film market size was valued at US\$ 236 million in 2025 and is forecast to a readjusted size of US\$ 368 million by 2032 with a CAGR of 6.6% during review period.

In 2025, global production of optical CPI films reached 764,200 square meters, with an average selling price of US\$300 per square meter. Global annual production capacity for optical CPI films was approximately 1.2 million square meters, with a gross profit margin of approximately 28.1%. Optical CPI films, or Clear Polyimide Films, are high-performance optical materials prepared through molecular structure design and process optimization. Using polyimide as a matrix, modifications such as introducing alicyclic structures, fluorinated groups, or large-volume side groups effectively suppress the formation of charge-transfer complexes (CTCs) between molecular chains, thereby achieving high transparency and low absorption in the visible light range. These films possess excellent thermal stability, mechanical flexibility, chemical stability, and optical properties, meeting the demands for transparent, flexible, and high-temperature resistant optical materials in flexible optoelectronic devices, optical displays, aerospace, and other fields. They are key foundational materials for applications such as flexible display technology and optical sensing. The upstream of optical CPI film production includes polyimide monomers/precursors and solvent systems, transparentization/optical modulation-related additives, catalysts, etc. The midstream sector consists of optical CPI film manufacturers, while the downstream sector is mainly used in industries such as organic light-emitting diodes, organic optoelectronics, and flexible printed circuit boards.

This report is a detailed and comprehensive analysis for global Optical CPI Thin Film

market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Optical CPI Thin Film market size and forecasts, in consumption value (\$ Million), sales quantity (K Sqm), and average selling prices (US\$/Sq m), 2021-2032

Global Optical CPI Thin Film market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Sqm), and average selling prices (US\$/Sq m), 2021-2032

Global Optical CPI Thin Film market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Sqm), and average selling prices (US\$/Sq m), 2021-2032

Global Optical CPI Thin Film market shares of main players, shipments in revenue (\$ Million), sales quantity (K Sqm), and ASP (US\$/Sq m), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Optical CPI Thin Film

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Optical CPI Thin Film market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include MGC, I.S.T Corporation, CEN New Materials, Electronic Material, Hipolyking, NeXolve, DuPont, Kolon Industries, SKC (Hahn &

Company), RAYITEK, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Optical CPI Thin Film market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Thickness>25?m

15?m

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