Photoresist for optical modules

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For optical recording, positive photoresist (exposed resist removed during development) is preferred to the negative type because of the higher resolving power and low scatter.

Navigate the complexities of photoresist selection. Our guide covers positive vs. negative photoresists, key parameters, and applications for electronics manufacturers.

The SPIE Digital Library offers a comprehensive range of resources on photoresist materials, reflecting the critical role these materials play in lithography processes for semiconductor manufacturing, ...

A photoresist (also known simply as a resist) is a light-sensitive material used in several processes, such as photolithography and photoengraving, to form a patterned coating on a surface.

Photoresist is a light-sensitive polymer material used in microfabrication, the process of creating extremely small structures. It acts like photographic film, forming a patterned coating on a ...

We specialize in custom photoresist coaters that are catered to specific customer requirements to increase efficiency and reduce costs.

The objective of this work is to address the challenge of suppressing false or stray light in an optical module featuring a light-emitting diode (LED) that emits light in a cone, directed toward a hole in an ...

These leading-edge devices are fabricated using photoresists based on alicyclic polymers at 193 nm wavelength, as well as Novolak-based mid-ultra violet (MUV) photoresists or poly(4-hydroxystyrene) ...

Following list contains common near UV (360 nm – 380 nm) photoresists used in semiconductor and MEMS manufacturing. The list is not exhaustive and is updated regularly.

Data on the Cauchy constants and Dill parameters as well as the refractive index and extinction coeffi -cients with the g-, h- and i-line for certain photoresists can be found in the tables on the next page.

Contact Us

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