Hospital-grade High-Temperature Resistant Selection Guide for Active Optical Devices

The following graphs illustrate the efect of the E-beam radiation upon the impact modified OPTIX Medical Grade Polymers, and how quickly they recover over time and temperature.

Get comprehensive information about high heat thermoplastic resins including their key features, comparison with metals & thermosets and applications.

A range of high-performance plastics has been developed to meet the demanding requirements of the medical industry. The choice of material will depend on the specific needs of the ...

This brochure presents Covestro"s polycarbonate and TPU medical-grade portfolios. Covestro also offers a large portfolio of standard resins, which may be used for applications which do not need the ...

Unique technologies related to anti-static, raidopacic, wear-resistant and elastomeric compounds that have made an impact in other industries are just now finding their way into medical devices.

Henkel protection materials for optical modules and components include a broad portfolio of underfills, encapsulants, and low pressure molding materials that guard against stress and vibration, as well as ...

TI"s Space products include MIL-PRF-38535 QMLV/QMLP, RHA, and radiation tolerant plastic components. These devices are typically supported with Total Ionizing Dose (TID) and Single Event ...

Corning"s High Temperature Fibers are designed for applications requiring improved fatigue resistance, high usable strength, and excellent resistance to higher temperatures and hydrogen permeation.

These medical device and implant standards allow material and product manufacturers, medical laboratories, and other concerned institutions to inspect and assess such instruments to ensure ...

This guide addresses the critical material trade-offs--from low-CTE substrates like Zerodur to specialized high-temperature focal lens materials--and provides a technical selection framework.

Hospital-grade High-Temperature Resistant Selection Guide for Active Optical Devices

Web: https://maxtools.co.za