

Sterilization Stability of Materials

Material	Gamma Radiation	Ethylene Oxide	Autoclave
Nylon and Glass Filled Nylon	Physically compatible with commonly used sterilization doses, but may discolor to brownish hue.	Very good. Some susceptibility to oxidizing agents.	Very good. Components may swell slightly due to water absorption.
Polypropylene	Excellent up to commonly used sterilization doses (approximately 6 M-Rad).	Fair; may stress crack in EtO/CFC mix due to molding stresses.	Poor. Parts may distort due to low heat deflection temperature.
Kynar	Highly compatible, but will discolor to brownish hue. Physical Properties typically improve.	Excellent.	Excellent

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