Effects of Sterilization and 1-, 3- & 5-Year Accelerated Aging on Material Tensile Strength (MD) for 1073B

Transition Protocol material performance is equivalent to, or better than, current Tyvek®.
Effects of Sterilization and 1-, 3- & 5-Year Accelerated Aging on Material Tensile Strength (CD) for 1073B

Transition Protocol material performance is equivalent to, or better than, current Tyvek®.
Effects of Sterilization and 1-, 3- & 5-Year Accelerated Aging on Material Elongation (MD) for 1073B

Vapor Hydrogen Peroxide

STERRAD® 100S

Steam

Electron-beam @ 100 kGy

Electron-beam @ 50 kGy

Electron-beam @ 25 kGy

Ethylene Oxide (EO)

Gamma @ 25 kGy

Gamma @ 50 kGy

Gamma @ 100 kGy

Vapor Hydrogen Peroxide

STERRAD® 100S

Steam

Electron-beam @ 100 kGy

Electron-beam @ 50 kGy

Electron-beam @ 25 kGy

Pre-Sterilization

Transition Protocol material performance is equivalent to, or better than, current Tyvek®
Effects of Sterilization and 1-, 3- & 5-Year Accelerated Aging on Material Elongation (CD) for 1073B

ASTM D5034
Control = DuPont™ Tyvek® 1073B
Center point = 0%
Outer point = 30%
CD = Cross Direction

Transition Protocol material performance is equivalent to, or better than, current Tyvek®
Effects of Sterilization and 1-, 3- & 5-Year Accelerated Aging on Material Puncture Strength for 1073B

Transition Protocol material performance is equivalent to, or better than, current Tyvek®.