

Coating Innovations

Butyl (IIR)

Your Partner for Engineered Coated Fabrics

Trelleborg's engineered coated fabrics operation works with an outstandingly comprehensive variety of polymers, including IIR.

General Properties: Low permeability to air. Very good weathering resistance. Excellent dielectric properties. Poor resistance to petroleum-based fluids.

Resistant to: Acids, alkalis, ketones and esters. Animal and vegetable fats, oils, greases, ozone, weather and water/steam, strong and oxidizing chemicals.

Attacked by: Petroleum, solvents, coal tar solvents, aromatic and aliphatic hydrocarbons.

General Polymer Characteristics:

Abrasion Resistance	Fair
Compression Set	Good
Elongation	Good
Flame Resistance	Fair
Gas Permeability	Excellent
Low Temp. Flexibility	Excellent
Tear Resistance	Fair

Recommended Shelf Life

The recommended shelf life may vary based on polymer type and compound formulation. The actual life could vary dramatically based on storage conditions.

** This data is based on tests believed to be reliable and consistent with industry practices and is presented in good faith. No warranty or representation including but not limited to merchantability or of fitness for use whether expressed or implied is intended or made, nor is protection from law or patent to be inferred. Excellent, good, fair and poor are intended to serve as general guidelines only. Actual testing in the application environment is always recommended. All rights and patents reserved.*

Contact Us

Throughout the world, within the most technologically advanced industries, Trelleborg adds layers of innovation to ensure the highest performance in engineered coated fabrics.

Our polymer-engineered solutions are built on technical and industry know-how, delivered by experienced teams across a proven and efficient process methodology.



Our experts will help you find the optimum coating for your application requirements, using a proven formulation or a unique customized coating developed by our in-house development team.

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