

Polymers

Leveraging our track record and innovation in our core business that is polymers, we are bringing our original high value-added line of products to the global market.

The polymers business is largely divided into two areas: films and plastics.

As a result of realizing numerous world firsts and expanding the possibilities of materials, it has become the core business upon which Unitika rests today.

While giving priority to developing environmentally friendly materials, we pursue the kind of performance and quality only Unitika can deliver as we strive to bring more lines of high value-added products to the global market.





FILM

Polymers:Films

Building a global brand with development and production capabilities

Our film lineup includes top notch nylon films developed with the world's first simultaneous biaxially oriented production method, which has been evaluated highly for the collective know-how that has gone into developing it, as well as polyester films designed using unique technologies to suit distinctive applications. We offer high value-added products with a wide range of performance features, such as gas barrier properties, for packaging applications. For industrial applications, we are working to quickly develop and supply products featuring our original functionalities with an eye to expanding sales to the semiconductor and electronic parts sectors. Leveraging our nylon film production locations in Japan and Indonesia, we are further expanding our footprint across Asia and in the European and North American markets, as we aim to establish a firm position as a global brand.



"EMBLEM-CE"

Unitika Ltd.

"Emblem-CE" is an environmentally friendly nylon film made with raw materials from our unique chemical recycling process and waste materials processed via material recycling without degrading mechanical properties or printability.



"EMBLET-CE"

Unitika Ltd.

"Emblet-CE" is an environmentally friendly polyester film made with raw materials from our unique chemical recycling process and waste materials processed via material recycling without degrading mechanical properties or printability.



"EMBLEM-HG"

Unitika Ltd.

"Emblem-HG" is a nylon film with high gas barrier properties and high resistance to physical stress suitable for boiling and retorting applications.



Silicone-free release film

Unitika Ltd.

Silicone-free release film is a silicone-free polyester film that eliminates the potential of silicone contamination during the production process. Various types of solvents can be coated on the release layer, and its wide-ranging applications include a separator for adhesive tape, process film, and more.



"Uniamide"

Unitika Ltd.

"Uniamide" is a highly heat-resistant biaxially oriented film made from thermoplastic aromatic polyamides. It maintains high optical transparency even after being heat-treated at high temperatures and is used for electrical and electronic applications.



"EMBLEM-NC"

Unitika Ltd.

"Emblem-NC" is an easy linear tear nylon film. Gas barrier grades are also available.



"EMBLET-PC"

Unitika Ltd.

"Emblet-PC" is an easy linear tear polyester film. Gas barrier properties can be added via vapor deposition treatment.