

XIX Exposición Internacional de Plásticos

argenplás 2024



Una industria comprometida con el ambiente, la economía circular y la innovación.

Presentada por:



**Delivering a sustainable future
through innovative materials solutions
and collaboration**

*June 4 to 7 in La Rural, Buenos Aires
Every day from 2:00 p.m. to 8:30 p.m.*

More than 12 thousand visitors of the most outstanding professional profile are waiting for the largest business meeting of and for the plastics industry in Argentina and Latin America.

Argenplás 2024, International Plastic Exhibition, which takes place every 2 years in Buenos Aires, Argentina, continues to advance rapidly in the organization under the motto “Latest innovations in compliance with the concept of the circular economy”, constitutes:

- ✓ An integrating factor of all international trends on plastic
- ✓ A space with immediate responses to all the emergencies generated by the market:
 - solutions to boost decarbonization,
 - the circular economy,
 - digitization,
 - and artificial intelligence

Plastics in the automotive industry (Second part of two)

By Eng. Ariel Galbiati

PU (polyurethane) is applied in energy absorption systems, joints, spoilers, thermal and acoustic insulation.

ABS (acrylonitrile butadiene styrene), being a material of great tenacity, hardness and dimensional stability, is used for the production of grilles, casings, glove boxes, covers and armrests.

PA (polyamide) offers high resistance to fatigue, impact and abrasion, it is used in grilles, fans and housings.

PC (polycarbonate) and PMMA (polymethylmethacrylate) due to their transparency, impact resistance and possibility of achieving complex geometric shapes, have replaced glass and are used in optics.

PE (polyethylene) has good resistance to humidity, it is very economical, easy to process and combine with other materials to improve its characteristics, it is used in tanks, joints and various coatings.

It is considered that currently the application of plastics in automobiles is going through a plateau, at a relatively high level, since between 14% and 17% of the total weight of a vehicle, such a high percentage of presence in the automotive industry. automobile is proof of the success of these materials.

Although the growth curve of the use of plastics is less pronounced, it is stabilized at a fairly high point, but it may continue to grow under certain conditions, for example, when the application of plastic components for large surface body parts is completed or when the change from glass to polycarbonate occurs in the manufacture of the windows and rear window.

Plastics have proven instrumental in advances in safety, automotive performance, and more efficient use of fuel.

As they make up 50% of the volume in new cars, but only 15% of the weight, this helps make vehicles lighter and more fuel efficient and with lower gas emissions.



Looking to the future, the unification of materials is planned to improve production costs, facilitate recycling, require a smaller quantity and variety of facilities for transformation, and be able to use a smaller variety of materials.

Fuel savings can be up to ½ liter per 100 km, which means around 750 liters for a car that traveled 150,000 km. And this implies a benefit if you think about the pollution generated by each vehicle.

Many believe that the future of the automobile is personalization. If this is true, plastics can contribute decisively to the profitable production of a model in small series and to responding to the most personal equipment requirements of customers.

The union of different groups of components to form modules represents the ideal condition to meet the new demands of customers today and in the near future. Naturally, metals and plastics will coexist for a long time, but the trend towards plastics will remain strong.

Currently there are more than 100 kinds of different plastic compounds among the components of a car, which allow them to fulfill different functions, from achieving mechanical resistance, maintaining a pleasant appearance, heat resistance and also contributing to reducing the total weight of the vehicle.

The new applications for these materials will depend on the transformation technologies that continue to be developed, the possibility of mixtures and combinations to improve characteristics and the cost involved in the production of large series of parts.

The advantages of plastic materials over metal ones in the automotive sector give the former a growing market, especially in replacing steel, and the application will continue to grow steadily in the design and manufacture of automobiles in the future.

Si su empresa necesita aumentar sus ventas, mostrarse y salir al mundo, argenplás es su principal socio.

Argenplás es el punto de encuentro que cada dos años, empresas nacionales e internacionales, eligen para hacer negocios:



Notable topics that the exhibition will develop, among others:

- Additive manufacturing, also known as 3D printing.
- The Industrial Revolution 4.0 or fourth industrial revolution, with the transformation of factories into an area also known as the

advanced manufacturing industry.

- Innovation arouses a lot of curiosity and will have a main role in the call, given that the most interesting topics will be addressed following global trends.
- Robotics, its advance promotes the accelerating momentum of Smart Factories. It is the unequivocal result of research, development and invention and its contribution is as valuable as the contribution of automation, which has made Olympic leaps in its development in recent decades for unexpected applications and astonishing results.
- Digitalization that, with your active participation, has been integrated to improve processes and competitiveness and your valuable contribution that has optimized all systems.
- The contribution of plastics in the different areas of light construction: construction, nautical, etc.
- The latest technologies to solve the “5Rs”, Reduce, Refuse, Recover, Reuse, Recycle.



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Visitor profile

Argenplás 2024 is a meeting of professionals with a profile selected to provide the exhibitor with a favorable environment to do business:

- *Entrepreneurs, executives, engineers, technicians and professionals related to the sector.*
- *Manufacturers, processors and users of plastic products.*
- *Raw material transformer.*

People from management, technology and production, sales and marketing levels from all industry sectors:

- *Automotive and Transportation*
- *Construction*
- *Electric engineering*
- *Electronics and mechanics*
- *Telecommunications*
- *Home's products*
- *medicinal laboratories,*
- *Veterinary and cosmetic*
- *Medicine and health care, among others.*

Manténgase al día con las últimas novedades a través de nuestras redes:



Items

Argenplás 2024, is the obligatory event that every two years, national and international companies from the following areas find themselves in the appropriate space to face the future of their companies:

- *Machines and Equipment*
- *Automation and Quality Control*
- *Molds and Tools*
- *Raw Materials and Chemical Products*
- *Rubber*
- *Packaging*
- *Plastic Transformers,*
- *Finished and Semi-Finished Products*
- *Environment and Recycling*
- *Reinforced plastics, composites, polyurethane and rotomolding.*
- *Entities, Associations, Banks, Services and Technical Magazines*

La Rural, Green Pavilion, June 4 to 7, 2024

hours from 2:00 p.m. to 8:30 p.m.

Entry of minors under 18 years of age is prohibited

ARGENPLAS XIX Exposición Internacional de Plásticos 2024

Date: June 4 to 7, 2024

Number of visitors: +12,000

Exhibition Hours: 2:00 p.m. to 8:30 p.m.

Accreditation Hours: 1:45 p.m. to 8:00 p.m.

Location: La Rural, Buenos Aires Fairgrounds

Pavilion: Green

Organizers: CAIP - Cámara Argentina de la Industria Plástica

Makes: MBG & EVENTS

Markets PWI EVENTS

Official catalogue, press and dissemination: Editorial Emma Fiorentino.

The entry of minors under 18 years of age is prohibited, even if they are accompanied by an adult.

Exclusive and free event for professionals in the sector who pre-accredited through the website or by presenting the invitation.

Organizers: CAIP: Cámara Argentina de la Industria Plástica.

Makes: MBG & EVENTS

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If your company needs to increase its sales, show itself and go out into the world, Argenplás is your main partner.

Edition after edition it is proven that the only place to do business is Argenplás.

Regardless of the size of your company, or the role in the production chain, your company cannot be absent from the only event that brings together all the protagonists of the industry.

More than 150 exhibitors from Argentina and 10 countries around the world will meet to show and sell their products to more than 12,000 professionals.

Participe de la exposición más importante y representativa de la región.



EXPOSITORES

<https://www.argenplas.com.ar/expositores>

<https://www.argenplas.com.ar/visitantes>



VISITANTES



WORKSHOPS

<https://www.argenplas.com.ar/workshops>

For more details of what you can experience during Argenplás 2024, the most important event of the year, consult:

www.argenplas.com

Who do ARGENPLAS 2024



MBG & EVENTS

It strives to create high-profile, highly focused events, where buyers and suppliers from all over the world come together to do business. Every year MBG & Events holds events that attract more than 1,000 exhibiting companies, and more than 150 thousand buyers from the most diverse industries.



PWI EVENTS

It develops and operates more than 25 annual events without losing focus on each business generating long-term exponential growth and added value for its clients.

A team of professionals with more than 20 years of international experience in the exhibition sector are the key to producing high-quality events, focused on their clients and with a high return on investment.



Cámara Argentina de la Industria Plástica - CAIP

It is the institutional business entity that brings together the Argentine Plastic Transforming Industry and was founded on December 28, 1944, with clear and concise objectives:

- *Gather, relate and link industry entrepreneurs;*
- *Represent and defend your rights;*
- *Manage provisions or measures that tend to preserve the interests of the sector;*
- *Resolve problems that affect associates;*
- *Establish business-labor links;*
- *Promote the progress of the Argentine Plastic Industry.*

The CAIP actively participates in different levels of leadership of the Argentine Industrial Union (UIA) and is a member, along with its

counterparts in the region, of the Latin American Association of the Plastic Industry (ALIPLAST).

PARTNERS: With an important component of creativity and with the support of the highest technology, the Argentine Plastic Industry satisfactorily supplies the domestic market and exports finished products that correspond to international quality standards.

Today, the CAIP represents more than 1,300 companies and among the services it provides, the following stand out: Advice, undergraduate and postgraduate training of labor, Publications, Specialized Library, Permanent Exhibition of the Plastics Industry and Participation in Fairs and Exhibitions.



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