

EXIR

POLYMER

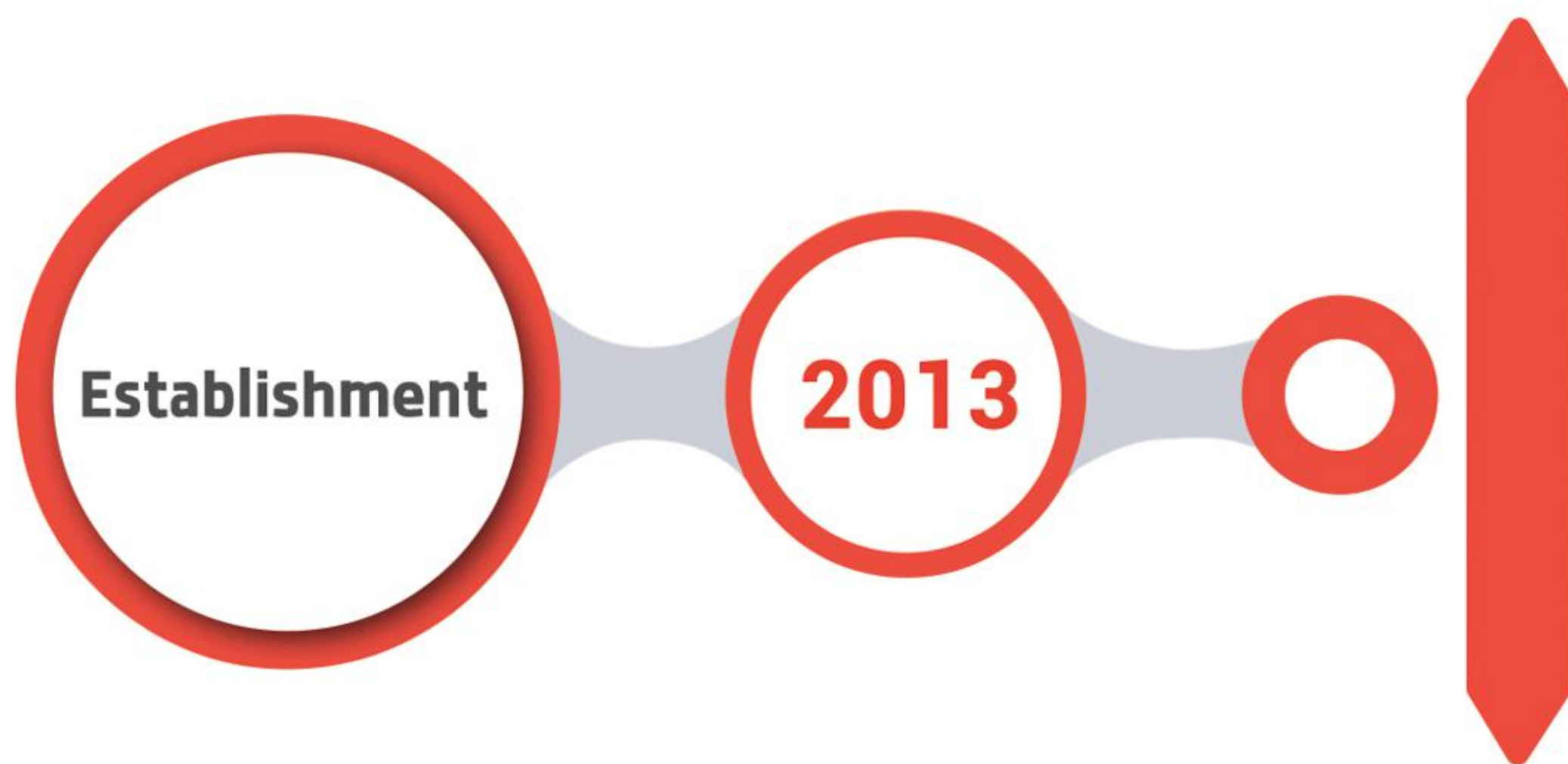
EXIR POLYMER ARAD MANUFACTURING COMPANY



SCAN
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MORE



INTRODUCTION TO EXIR POLYMER



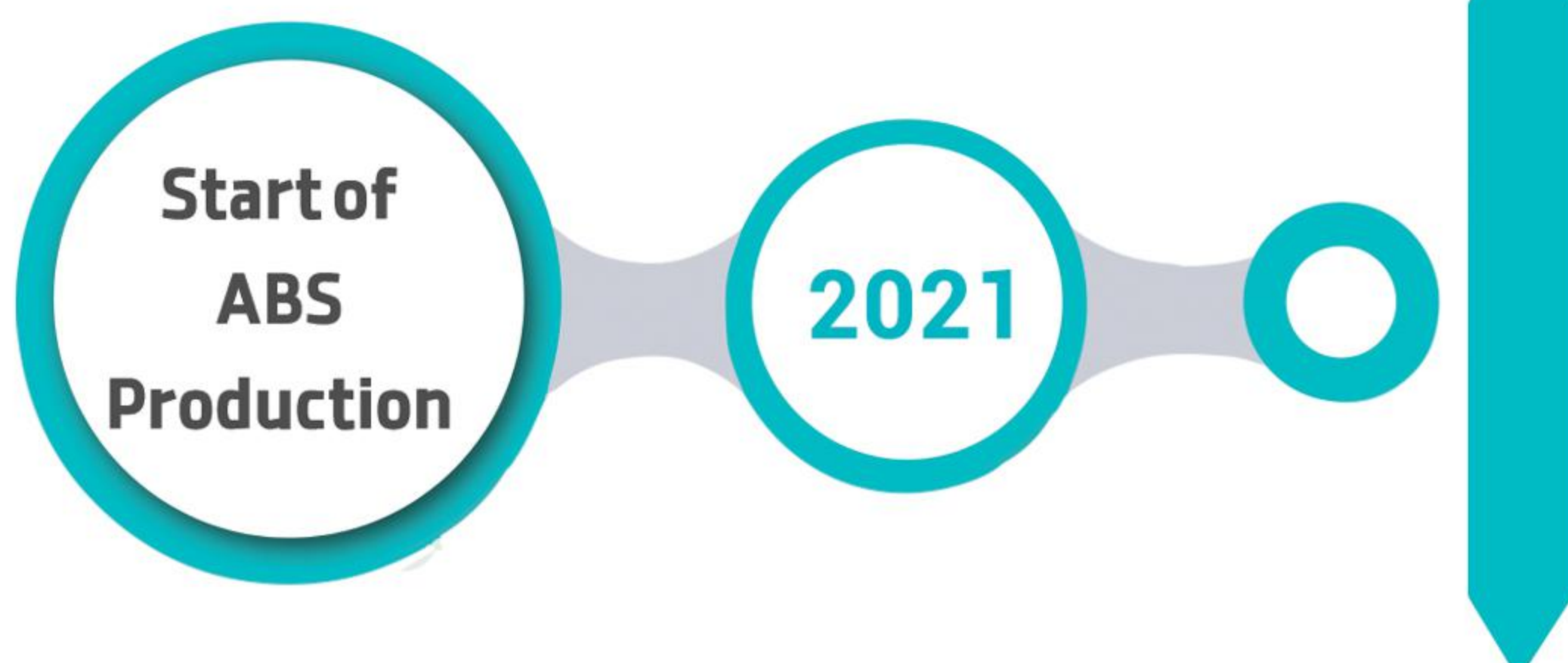
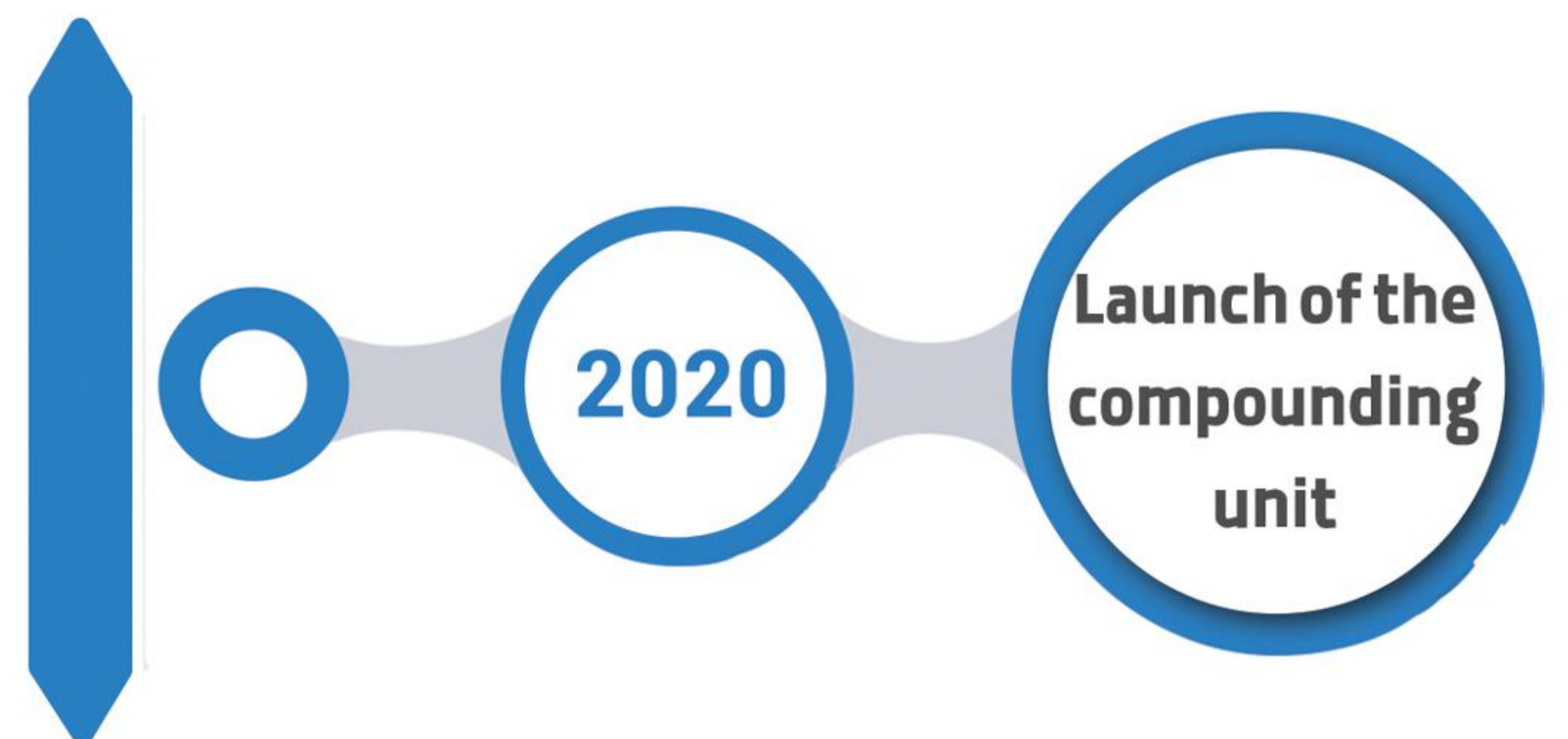
launching a high-quality and high-capacity production line in the plastic recycling industry and creating a new approach in the field of polystyrene granulation and compounding in Iran.

starting activities with the goal of preserving and improving quality, paying attention to customer needs, and producing polymer compounds based on recycled plastic waste.



The launch of the compounding unit, homogenization and a complete mixing of shredded PS and PP waste along with professional washing led the company to achieve an excellent position in the production of PP and PS granules and compounds.

Establishing and Equipping the largest mechanized washing line for separating and washing polypropylene and polystyrene waste in the Ramsheh Industrial Area.



professional production in the ABS polymer category with the same strategy of preserving and improving quality and paying attention to customer needs.

Today, the Exir Polymer manufacturing complex is active in the production and development of various types of recycled plastic compounds (PP – PS – ABS).

CLOSE TO YOUR BUSINESS





ORGANIZATIONAL VALUES

- Supporting and satisfying customers by producing compounds with expected and consistent quality standards.
- Uniformity in the quality of the manufactured product.
- Producing the final product with an environmental preservation approach.
- Honesty and responsiveness to commitments in different market conditions.

STRATEGIC ACTIONS

- Operating advanced production equipment.
- Adhering to standardization principles in various production processes, management and human relations, and upgrading them.
- Using new practical programs.
- Skilled and committed human resources.
- International expansion and establishment of a commercial department.

CERTIFICATIONS AND MEMBERSHIPS

ISO certifications

- Quality management system (ISO 9001:2015)
- Occupational health and safety management system (ISO 45001: 2018)
- Environmental management system (ISO 14001:2015)
- Brand valuation – Requirements for monetary brand valuation (ISO 10668:2010)
- Integrated management system (IMS)
- Membership in the Masterbatch & Compound Producers Association of Iran (impba)
- Membership in the Iran National Plastic and Polymer Industries Association (inpia).

THE PRODUCTS

POLYSTYRENE

Exir Polymer's polystyrene products are produced in two main categories: "pure" and "compound". Pure PS granules have many similarities in properties to ON GRADE petrochemical polymer products. PS compounds such as the KORIO, SUB, and PANEL series are a combination of GPPS + EPS + HIPS and other polymer additives. These customized products are suitable for coating and sub-working of building and picture frame profiles and wall coverings.

POLYPROPYLENE

Exir Polymer's polypropylene products are produced in two main categories: "pure" and "compound". Pure PP granules of the 8000 series have high similarity in formulation to petrochemical homopolymers and are used in all industries that use this grade of polymers. In this category of PP products, the C series is the company's self-colored products that use high-quality pigments and carbon black. PP 8000-HF is a hard, firm polymer that is easy to work with and has excellent flexibility for producing sheets in various thicknesses and formats. Its high flexural strength and suitable and stable MFI give it high thermoforming ability, making it suitable for producing polypropylene sheets in various industries. The PP 8000-OP compound is an engineered polymer that combines desirable copolymer properties with moldability and economic efficiency. The 80 series PP compounds are an excellent product for various applications, using high-quality calcium carbonate on one hand and excellent filler mixing with polymers using advanced mixers on the other.

ABS

Exir Polymer's ABS products are produced in two main grades: "injection" and "sheet". Injection grade ABS of the 6000 series has good impact resistance, high flexibility, and dimensional stability and is customized for the final size of the piece (both small and large pieces). It is easily molded and colored and is widely used in household appliances. ABS 6900-SG is stable in quality and color, durable, resistant to scratches and impacts, and creates an extremely glossy surface during final product production and processing. ABS-SHEET GRADE has good dimensional stability, heat resistance, high impact resistance, and is very resistant to scratches for producing ABS sheets.

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— MAIN FEATURES OF PRODUCTS

Exir Polymer's adherence to standards ensures the consistency of product quality in various production cycles. The ability to produce compounds with the desired formulation and color of the customer, the proximity of properties to new materials due to high precision and advanced equipment in the separation, washing, and granulation process, suitable additives, and testing of various formulation in the high-precision quality control unit to maintain these properties in production stages and cycles are the excellent advantages of Exir Polymer products.

— TARGET INDUSTRIES

Household appliances	Picture frame profiles
Textile	Automotive
Building profiles	PP-ABS-PS sheets
	Agriculture

— QUALITY CONTROL UNIT

Exir Polymer's quality control unit, with its professional and dedicated staff and equipped laboratory equipment, is responsible for checking the conformity of the products with the technical specifications and existing standards. By examining and correcting any errors that occur during the production process, the unit ensures the production of uniformly high-quality products. High-precision color testing and various formulations, along with controlling the preservation of these properties and polymer colors during production stages and cycles, are among the responsibilities of the quality control unit.

— INTERNATIONAL TRADE SERVICES

Exir Polymer, with its business license and collaboration with Forwarder companies, provides all logistics, customs, and international transportation services and is ready to accept orders with negotiable payment and contract conditions in FCA-FOB-CFR-CPT-DAP incoterms.



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