



Polymeron

Turning your Polymer On

ABOUT US

PolymerOn Ltd. provides comprehensive plastics industry activities and extensive research and development competencies to its partners. Our team has several decades of industrial and fundamental R&D expertise in the national and international plastics and rubber industry.

OUR ACTIVITIES

- Polymer engineering-related technical consulting – from raw material selection through processing to recycling
- Professional planning and management of complex plastic industry projects
- Preparation, professional coordination, and participation in the implementation of tenders related to projects
- Comprehensive professional management of new product and technology development
- Complex testing and examination of plastic raw materials and products
- Consulting on the design of injection molds and extruder dies
- Creation and monitoring of the production process
- Expert advice related to plastic and rubber industry recycling processes, planning and development of processes in the spirit of circular economy
- Optimizing production processes and material use
- Preparation of industrial feasibility studies
- Personalized training in the plastics industry
- Production of prototypes
- Marketing and communication support for innovative R&D projects

Our main activities include consulting and project management services, material and technology developments, material tests and the performance of expert tasks, with the respond quickly and flexibly to the constantly changing market and industry needs in cooperation with our partners.



AREAS OF EXPERTISE

- Materials development
- Materials testing
- Compounding
- Injection molding
- Extrusion technologies
- 3D printing & Prototyping
- Part design
- Mold and die design
- Injection molding
- Simulation
- Biopolymers
- Polymer foams
- Polymer composites
- Medical polymers
- Elastomers/rubbers

FLAGSHIP PROJECTS

- Development of a thermoplastic elastomer product line containing recycled tire shreds
- Individual TPV materials (customized properties)
- Own developed filament portfolio (Fiber-reinforced and foamed materials) production and distribution
- Polymer compound containing grinds from the composite layer of printed circuit board

A complex network diagram with various sized nodes in shades of blue and grey, connected by thin lines, forming a web-like structure across the top and right side of the page.

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