



**VISION PETLON POLYMERS**  
A VISIONSCAPE COMPANY

# Tailor-Made Engineering Thermoplastic Solutions



**At Vision Petlon Polymers we understand the necessity of servicing our customer technically. We offer our customers a range of technical capabilities, aligned with your product concept and design including material selection and development through to your final application. Challenge us to help you with your next project.**

Starting with a focus on the end application, Vision Petlon Polymers can assist you to select the most appropriate polymer, additives, modifiers, fillers, reinforcing agents, and colorants in order to tailor a compound to meet your performance and cost requirements. From an initial concept

to full-scale production, our technical team are with you at every step of the way in order to make sure your project is a success. Employing highly skilled personnel with a wealth of combined experience, Vision Petlon Polymers is positioned to offer best in class technical and project management support.



**Beetle<sup>®</sup>**



## Let us help you with your next project...

Custom manufacturing is our speciality. Drawing from our deep knowledge in polymers, formulation and applications, we provide you with innovative solutions that enable you to succeed. If we don't have the engineering thermoplastic compound you need today, we're fully committed to work with you to develop it. Once we arrive at the precise formulation for the application, we believe our job includes helping you convert our material into the final product that you have in mind - to your satisfaction. *So please tell us what you need - when you speak, we listen!*

- Material selection and qualification.
- Analysis-led design support.
- Part and tool design.
- Failure analysis.
- Metrology and statistical data review.
- Tolerance capability and design for manufacturability reviews.
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- Moldflow analysis via Autodesk Moldflow Plastics Insight (MPI).
- Structural analysis via Autodesk ALGOR Finite Element Analysis.
- Optimisation and troubleshooting utilising data driven process architecture.
- Field technical service and support.

### Your partner in development

As an engineering thermoplastic specialist, Vision Petlon Polymers manufacture compounds of a consistent high quality. The breadth and range of engineering thermoplastics exemplifies our curiosity and discipline in research and development, and our care and dedication in production. We seek to understand our customers' needs in detail, we partner with customers to develop innovative solutions, and provide support that exceeds expectations. Our global reputation for world class partnership, quality and dedication will guarantee successful operations on your production floor.

### Discover with us

Explore our website and discover the endless possibilities with Vision Petlon Polymers Engineering Thermoplastics. [www.petlon.co.uk](http://www.petlon.co.uk)

- We look forward to working with you - wherever you are. Vision Petlon Polymers are your local partner around the world.
- Vision Petlon Polymers, "Engineering Thermoplastic Solutions".



Vision Petlon Polymers Ltd  
Church Road  
Ward Industrial Estate  
Lydney  
Gloucestershire  
GL15 5EL, UK.

Telephone: +44 (0)1594 842406

Fax: +44 (0)1594 842232



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### Who we are

Vision Petlon Polymers Limited's Engineering Thermoplastic Division is a leading compounder and polymer recovery company specialising in nylon 6, nylon 66, PET and PBT with global supply capability and proven local support. Whether it's an existing product or a bespoke compound, specifically tailored to your requirements, Vision Petlon Polymers can deliver solutions for your needs.

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[info@vision-petlon.com](mailto:info@vision-petlon.com)  
[www.vision-petlon.com](http://www.vision-petlon.com)