Versarien®
PLC
Tomorrow's materials available *TODAY*

Polygrene

GRAPHENE ENHANCED POLYMERS

Polygrene is the new enhanced graphene polymer developed by Versarien PLC.

Working in collaboration with our industrial partners, we have introduced polymer compounds and masterbatches that feature different types of polymer, along with different weight loadings of graphene. These can be used in industrial extrusion, moulding and 3D printing processes.

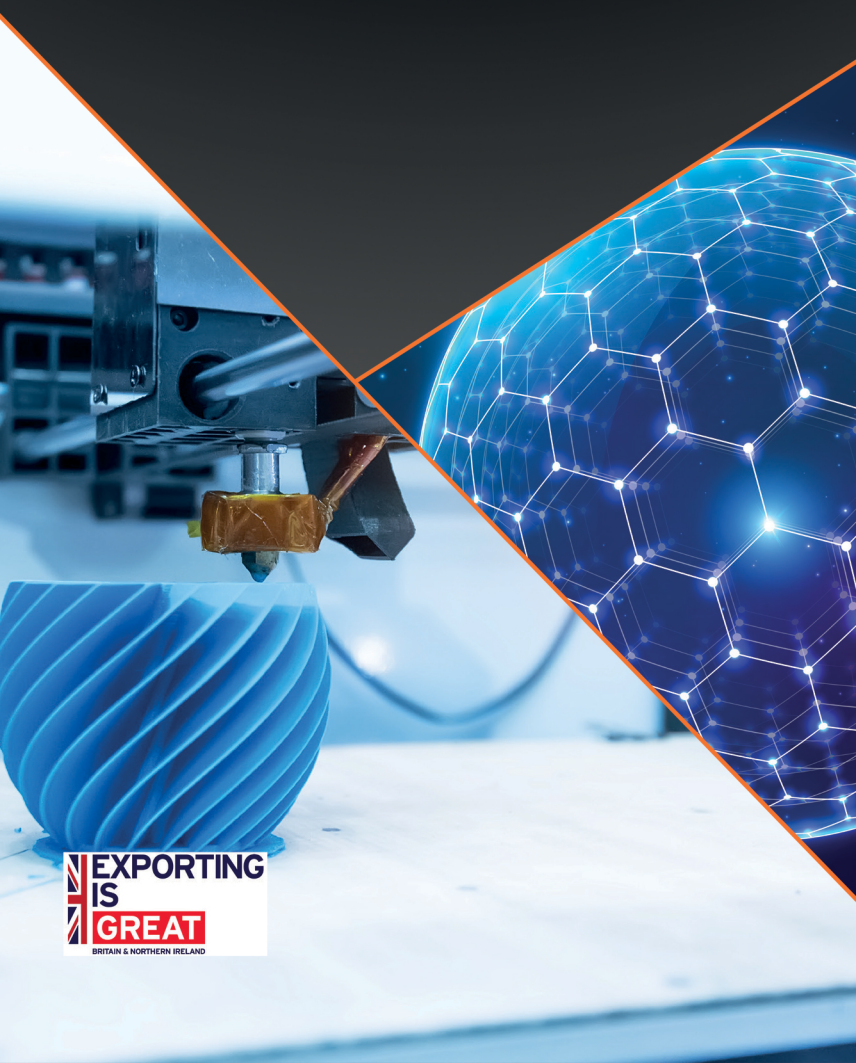
The Polygrene range was developed for applications requiring increased mechanical performance over standard polymers and features improvements in properties such as:

- Tensile modulus and strength
- Flexural modulus and strength
- Compressive modulus and strength
- Impact strength
- Elongation at break
- Hardness
- Flammability

Polygrene can also be developed to improve thermal and electrical conductivity where applications require this.

The range of Polygrene products can be adapted to suit modern polymers, along with different grades of graphene.

www.versarien.com



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BRITAIN & NORTHERN IRELAND