

Rebirth Technology for Non-Recyclable Plastics

An Additive for the Recycling Revolution

Therpol - a multifunctional polymer additive that enables higher recycled content, better material quality and a cleaner, more circular plastic economy.

Explore Technology →

Watch Video



One Additive. Multiple Functions.

Therpol is a multifunctional polymer additive designed to enhance performance, processing and sustainability across polymer applications.

Learn More →



Improve Recycled Resin Quality

Turning Waste into Value

Therpol acts as an amalgamating and compatibilizing agent, improving recycled resin quality and enabling higher recycle content in formulations.

Discover More →



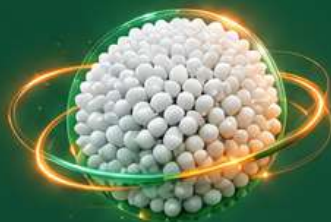
One Technology. Multiple Polymer Applications.

Therpol delivers enhanced performance across a wide range of polymer processing methods.



Technical Advantage

- Superior Impact Resistance
- Excellent Barrier Properties
- Universal Polymer Compatibility
- Flexural Modulus
- Processing & Cost Optimization



Technical Specifications

Density	0.920 ± 0.05 g/cm³
MFI	2.28 g/10 min
Tensile Strength	5.96 MPa
Elongation at Break	1000%
Hardness	65 Shore A

Download TDS



Closing the Loop on Polymer Performance

Therpol enables a circular economy by giving new life to plastic waste and reducing reliance on virgin resources.

- Lower Carbon Footprint
- Greater Material Value
- A Cleaner Tomorrow

12+ Customer trials in UAE

Backed by industry insights and real-world validation from global leaders:

- Exxon Mobil analysis identified 75+ potential applications.
- Proquitech / Therpol origin.
- Adidas preliminary deal.
- RAI customer trials in the UAE.

Ready for the Next Generation of Recycling?

Partner with us to build a more sustainable, innovative and circular plastic future.

Talk to Our Technical Team →

Download Technical Data Sheet