



Our toll compounding services can help you...

- Increase capacity without expansion costs.
- Achieve faster turn-around time for customers.
- Process your exact formulation from lab scale to full size production.
- Research new resin and additive combinations and develop custom compounds and solutions
- Cost effectively obtain small or large lot sizes.
- Utilise state of the art, highly configurable compounding equipment operated by a fully trained and experienced manufacturing team.
- Access state of the art technical, R&D and application development facilities and expertise.



Manufacturing equipment and capabilities

- ❖ Certified ISO9001, ISO14001, ISO18001 facility.
- ❖ Highly flexible, state of the art, single and twin screw compounding equipment delivering 20,000mt total capacity per annum.
- ❖ Small scale laboratory compounding line for small lot production and product development activities.
- ❖ Multiple raw material feeder configurations - handling liquids, pellets and powders.
- ❖ De-volatilisation / de-gassing systems.
- ❖ Strand and underwater pelletising, pellet screening and blending systems.
- ❖ Product drying and crystallising using a variety of technologies including state of the art infra-red technology.
- ❖ Flexible product packing systems including bags, octabins, FIBC's and bulk tanker.



Laboratory equipment and test capabilities

- Specific Gravity.
- Moisture content via IR test equipment.
- Ash Content with microwave furnaces.
- MFI including PET IV.
- Solution viscosity.
- Charpy impact.
- Tensile strength + elongation.
- Flexural strength + modulus.
- Flammability - GW, UL-94, LOI.
- Colour - both visual and spectrophotometer.
- FT-IR chemical fingerprint.
- DSC thermal fingerprint.
- Mouldflow analysis.
- Shore 'A' hardness & compression set.



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Vision Petlon Polymers
A VISIONSCAPE COMPANY

Who we are

Vision Petlon Polymers is a leading compounder and polymer recovery company specialising in Engineering Thermoplastics (nylon 6, nylon 66, PET and PBT) and Thermoplastic Elastomers (TPE-s) 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.

The information and recommendations contained in this bulletin are, to the best of our knowledge, accurate and reliable but no guarantee of their accuracy is made. All products are sold upon condition that purchasers shall make their own tests to determine the suitability of such products for their particular purposes and uses and purchaser assumes all risks and liability for the results of use of the products, including use in accordance with seller's recommendations.

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