



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.

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