



***Engineering  
Plastic  
Supplies  
Ltd***

**Industrial and Engineering Plastics in Sheet, Block, Rod and Tube, Plus CNC Machined Components.**

# Detailed Products and Services Information

- Engineering Plastic Supplies Ltd supply hundreds of custom designed plastic parts. From simple machined rollers and wheels, to complicated gears and intricate assemblies for all types of industry. From a one off prototype to thousands of, in a variety of materials, such as PA6, Nylon, Oil filled Nylon, Acetal, Pet, PEEK, UHMWP to name a few.





- Machined Components made from Polyethylene (UHMWPE) in natural virgin material or green, black, regen. For use in food applications Polyethylene offers low moisture absorption, low coefficient of friction, light weight, and very good wear and chemical resistance.

- Cast Nylon gears in a range of sizes and tooth configurations made to customer specifications.



- CNC milled, turned and routed parts. Available in most engineering plastic material. Nylon, Acetal, Pet, Polypropylene, Polyethylene, PVC-U, PVDF, PTFE, PEEK and more

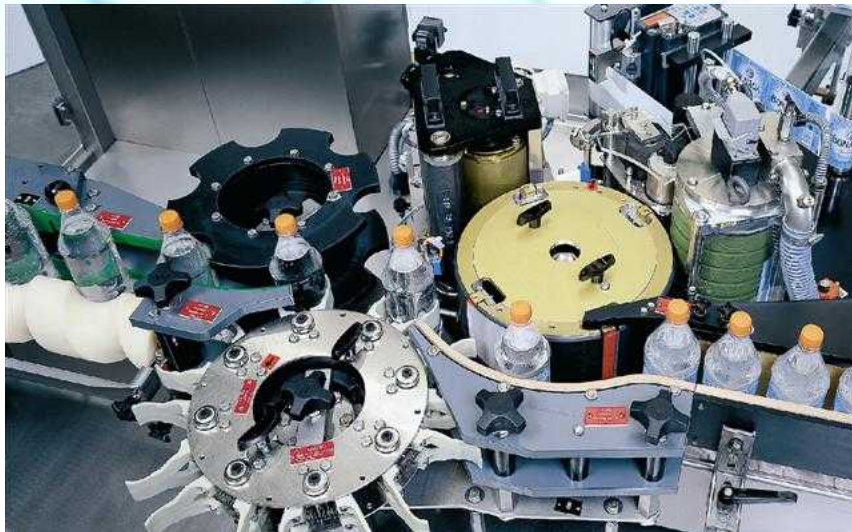
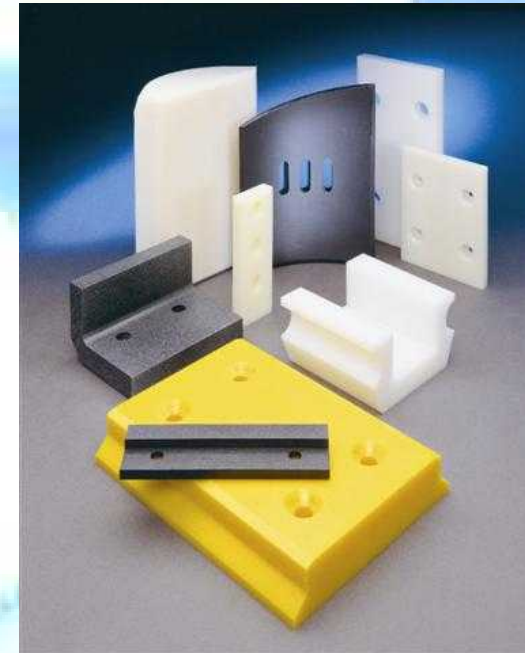


- A wide range of wear components and change parts are available machined to customer specification:
- Guide Rails
- Star Wheels
- Product Stability Holders



- Cast Nylon 6 + oil for use as a brushing material offers advantages over traditional bearings and brushes.
- Low coefficient of friction
- Good sliding properties
- High wear resistance
- Good dry running
- Mostly maintenance free
- Low weight
- Non corrosive
- Good vibration dampening
- Good chemical resistance

- Numerous applications for cast nylon 6 with added oil as lubricant. Used mainly in sliding and rubbing applications oil filled nylon offers low coefficient of friction when dry running, low moisture absorption, and better dimensional stability. A very good material for wear applications where lubricant's cannot be used.



- Engineering Plastic Supplies Ltd can also offer fabricated machine guarding systems in clear tough plastics such as polycarbonate, PETG and high impact clear PVC.

# **Engineering Plastic Supplies Ltd**

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