GYMPIE BEARING SUPPLIES

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NYLON *Engineering Plastic Products*

Engineering plastics are becoming increasingly popular in machine and plant construction as design engineers recognise their advantages and economic significance.

The main advantage of engineering plastics in comparison to conventional metals are: weight reduction, resistance to wear, good vibration absorption and the fact that plastics are easier to machine. Additionally, their high level of chemical resistance, the increasing thermal stability of several types of plastic and improved recycling possibilities are further positive argument for choosing engineering plastics.

We are able to supply engineered plastics in sheet, rod and tubular bar form or machined and fabricated to your specific needs.

Usually plastics are classified in two main groups - Thermoplastics and Duroplastics. **Thermoplastics** :- When they are heated to an adequate degree, Thermoplastics soften until they are melted and then harden again on cooling. **Duroplastics** :- Because of there molecular structure Duroplastics cannot be reformed after they have been originally formed.

There are several main types of Nylon/Plastics. The most common are.

Wearlon - General purpose premium quality Nylon. Suitable for Bearings, Bushes, Split Bushes, Wheels, Rollers, Gears & Wear Pads.

Wearex - Known as UHMW. High impact. Suitable for Chain Guides, Wear Strips, Chute Liners, Chopping Boards and other hard wearing areas.

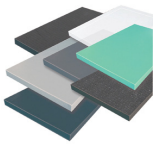
Wearace - Known as Acetal & Delrin. High rigidity and hardness, Low moisture absorption. This nylon has excellent machining properties.

Oilamid - Also known as LFX. This product is a internally lubricated cast nylon (self lubricating). Great for Bushing, Rollers, Gears, precision parts requiring close tolerances.

Polycarbonate - Known as safeguard or Lexan. This product has exceptional high impact strength. Very tough, transparent, Heat and flame resistant. Unaffected by most Greases, Oils and Acids. Used in Machine Safety Guards, Meter Covers, Outdoor Sign Covers & Race cars.

Wearflon PTFE - Commonly known as Teflon. Great for High Continuous working temperature. Great for Gaskets & Diaphragms, Seal Rings, Bushes and Bearings.

Polyurethane - Is a Elastomeric, Rubber like material. Available in hardness ranging from 60A to 75D Durometer. This can be cast into almost any shape in most colours. Great for shock pads, Sprockets & Bearing Inserts.



CV JOINTS & DRIVE SHAFTS

Gympie Bearing Supplies have been suppling GSP CV Joints and Drive Shafts for many years now. GSP has been manufacturing CV joints and drive shafts for more than 20 years for the global automotive market.

The portfolio covers more than 4,000 applications. Annual production capacity is 5 million CV joints and 2.5 million drive shafts.

Our suppliers is recognized throughout the Australian CV industry as having the largest and most comprehensive range of CV applications available. This includes standard passenger vehicles as well as four-wheel drives and European models.

All CV joints come with Warranty.

2WD is 3 years or 60,000KM whichever is arrived at first. 4WD is 1 year or 20,000KM whichever is arrived at first.

Have you seen our MONTHLY SPECIALS YET???

HYDRALIC BEARING PULLER KIT

$350 + GST

INC BONUS MINI PULLER KIT

FAMOUS TOLEDO EXCELLENCE BY DESIGN