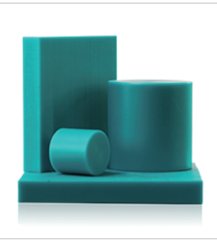
TP612(Aquanyl 612)

TP612(Aquanyl 612) is a copolymer of Nylon 6 and Nylon 12 produced via the anionic polymerization process using the monomer's Caprolactam and Laurinlactam. It has reduced water absorption and improved stability and impact strength.

C-LUBE

C-LUBE is a grade specifically developed for applications requiring high impact resistance and/or noise reduction capabilities.
C-LUBE has substantially improved wear resistance abilities compared to any other grade of cast nylon, whilst retaining excellent physical property characteristics.



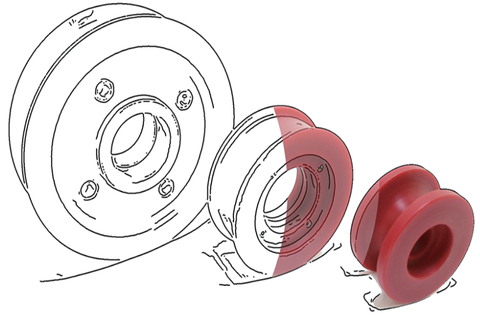
N-LUBE

N-LUBE is one of the most important developments in the JINIL TEC-PLA product range.
N-LUBE has substantially improved the wear resistance abilities compared to that of any other currently available lubricated grade of cast nylon.

JINIL

JINIL TEC-PLA

ENGINEERING PLASTIC SOLUTIONS



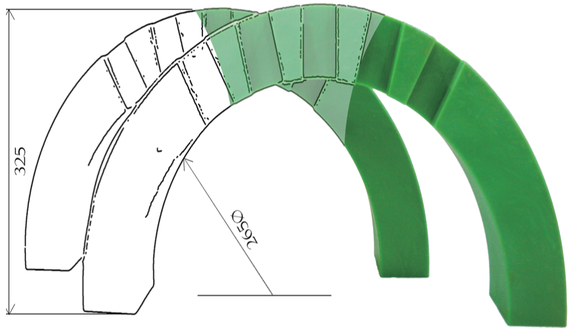
ENGINEERING PLASTICS & PRODUCT INNOVATION

People, Polymers & Passion are three core assets
JINIL TEC-PLA are committed to continuously
improving in order to provide customer delight.

TP LUBE 610
TP 601(OILON)
TP612(Aquanyl 612)
C-LUBE
N-LUBE

MC Nylon
Teflon(PTFE)
POM
PET
UHMW-PE

PC
PI
PMMA
PEEK
PEI



Working closely with customers to understand full application needs and requirements, JINIL TEC-PLA are able to provide a holistic engineering solution from concept to completion, with the unique ability to custom formulate materials and provide full traceability on all components in a variety of volumes, grades and specifications.

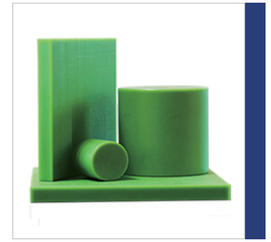
WWW . TP610 . COM

TP LUBE 610

TP 610 has proved to be JINIL TEC-PLA supreme wear resisting grade and one of the most important developments from JINIL TEC-PLA in new materials.
TP LUBE 610 contains a combined liquid/solid lubricant system which allows for a coefficient of friction as low as 0.03.

TP 601(OILON)

TP601(OILON) was the very first authentic lubricated nylon having a blended liquid lubricant system built in during the process stages.
This resulted in a substantial increase in bearing life more than 5 times that of natural cast cast nylon and more than 25 times that of phosphor bronze.



Teflon(PTFE)

Teflon(PTFE) is a self lubricating material with a lower friction coefficient than other material.
It is a water resistant material and can operate the temperatures 150~250°C.

JINIL TEC-PLA

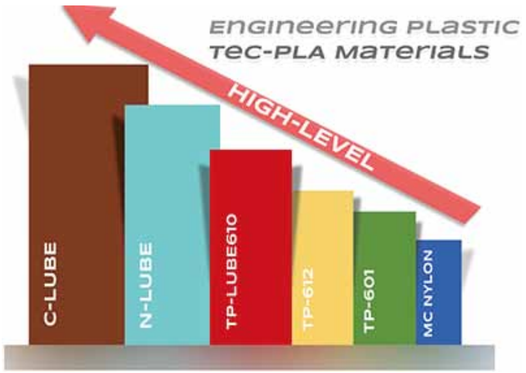
ENGINEERING PLASTIC SOLUTIONS

Benefits of TP components

- Exceptional resistance to wear and abrasion
- High Impact strength
- Corrosion resistance
- Self-lubrication, which eliminates routine/ costly maintenance
- Low co-efficient of friction
- Light weight – typically 1/7th the weight of steel
- 25 times the life of phosphor bronze
- High visibility colors for increased safest

Typical applications

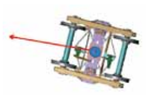
- Washers
- Wear Plates
- Chain guides
- Crane Pads/ Outrigger pads
- Slide Blocks
- Pulleys/ Sheaves
- Gears
- Wear Pads
- Slew rings
- Boom pads
- Piling Dolly
- Skate rollers
- Rollers
- Stoppers
- Bushes
- Wear strips



Road, Rail & Transport







Automotive

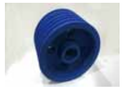




Construction








Offshore






Pharmaceuticals






Pulleys & Sheaves







Semiconductor


Manufacturing Processing of industrial plastics

Quality management - ISO 9001 : 2008