

ERTALYTE® TX

Wear Resistant, Internally Lubricated Polyester

FDA COMPLIANT PET-P OUTWEARS NYLON, ACETAL AND OTHER POLYESTER MATERIALS

Ertalyle® TX is an internally lubricated thermoplastic polyester providing enhanced wear and inertness over general purpose nylon (PA) and acetal (POM) products. Containing uniformly dispersed solid lubricant, Ertalyle® TX provides a lower wear rate and coefficient of friction than unmodified polyesters like PET or PBT and even internally lubricated materials like Delrin® AF Blend.

Ertalyle® TX excels under both high pressure and high velocity conditions. It is also ideally suited for applications involving soft metal and plastic mating surfaces.

Key Benefits:

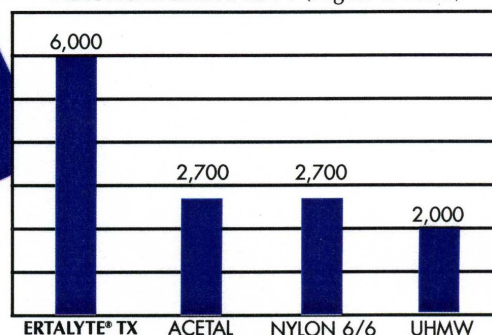
- Outstanding wear resistance
- Non-staining
- Excellent dimensional stability
- FDA compliance
- High LPV
- Low and constant coefficient of friction (low slip stick)
- Low water absorption
- Easy to machine

Applications:

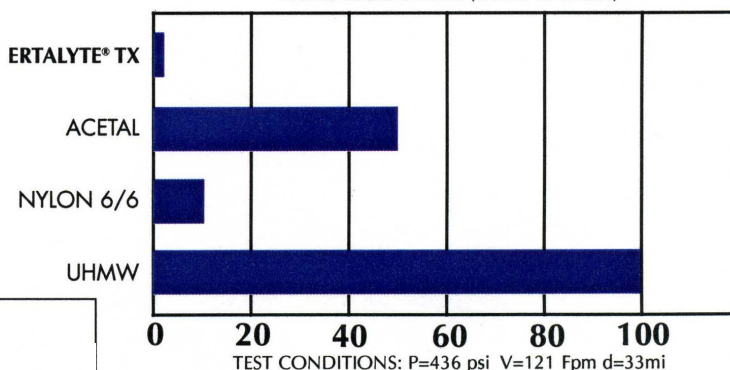
- Linear bearings
- Wear and slide pads
- Dynamic seals
- Scraper blades
- Thrust washers
- Valve seats
- Rollers and wheels without bearings
- Journal bearings



PRACTICAL LIMITING PV (Higher is Better)



WEAR RESISTANCE (Lower is Better)



Plastic Components for Conveyers and Machinery
Custom Machined Components • Standard Tracks, Guides, and Bearings

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*Ertalyle® TX - FDA Compliant,
PET outwears other nylon,
Acetal and Polyester Materials.*

Important: Most plastics will ignite and sustain flame under certain conditions. Caution is urged where any material may be exposed to open flame or heat generating equipment. Use Material Safety Data Sheets to determine auto-ignition and flashpoint temperatures of material or consult Quadrant. Ertalyle® TX is a registered trademark of the Quadrant group of companies. Delrin is a registered trademark of E.I. DuPont.