

PEIP Sheets & Rods

Ensinger TECAPET PEIP Sheets & Rods

PEIP stands for Polyethylene Teraphthalate Polyester. Ensinger TECAPET PEIP Sheets are very hard, with strong rigidity and is dimensional stability. The water absorption rate of PEIP is low and it has a good chemical resistance (except to alkaline).

Ensinger TECAPET PEIP Sheets are available either as an amorphous or semi-crystalline thermoplastic. Whereas the amorphous type is highly transparent and has a lower mechanical strength, as well as substantially inferior sliding characteristics than the semi-crystalline type, semi-crystalline types have higher hardness, rigidity and strength with outstanding sliding behaviour and low sliding wear (compared to POM in damp or dry environments).

PEIP Applications

Mechanical engineering, automotive, precision engineering, electrical engineering, food engineering, conveyor technology.

PEIP Properties

- High strength
- Good chemical resistance
- High rigidity and hardness
- Very low moisture absorption
- Easy to polish
- Very high dimensional stability
- Good machinability

Ensinger TECAPET PEIP range of product includes sheets and rods.

Ensinger TECAPET PEIP Downloads Table

| Product | Technical Data Sheet |
|-----------------|-------------------------------------|
| TECAPET White | TECAPET White TDS |
| TECAPET Black | TECAPET Black TDS |
| TECAPET TF Grey | TECAPET TF Grey TDS |