

GENERIC MATERIAL

THERMOPLASTIC ELASTOMERS *(TPE)*

COMMERCIAL SUPPLIER

GLS
Dupont
ExxonMobil

COMMERCIAL NAME

Dynaflex, Kraton
Hytrel
Santoprene

TYPICAL APPLICATIONS

Automotive Fluid Delivery Systems, Household Appliances, Sporting Goods, Electrical and Medical Components.

ADVANTAGES

- > Withstands transient temp. up to and continuous temps. to 275 F
- > Low compression and tension set
- > Easily processed
- > Fatigue resistance
- > Good tear strength

DISADVANTAGES

- > Flammable, but flame retardant 300 F grades available
- > Extensive heat aging causes severe change in mechanical properties
- > High Cost