

GENERIC MATERIAL

POLYAMIDE-NYLON *(PA)*

COMMERCIAL SUPPLIER

BASF
Ticona
Dupont
DSM Engineering
Sabic
Chem Polymer

COMMERCIAL NAME

Nypel
Celstran
Minlon, Zytel
Akulon
Stat-Kon
Chemlon

TYPICAL APPLICATIONS

Automotive Components, Bearings, Films, Coatings and Adhesives, Electronic Connectors, Gears, Consumer Products and Industrial Products.

ADVANTAGES

- > Temperature capability 600-700 F for a short term
- > Excellent chemical resistance
- > High resistance to abrasion
- > Tough and withstands repeated Impact

DISADVANTAGES

- > Absorbs moisture (can affect the electrical and mechanical properties)
- > Requires UV stability
- > Attacked by strong acids/bases
- > High notch sensitivity