

## Industrials

### PRODUCT NAME: **NYLON**

**Chemical name:** PA Polyamide

**Brand Names:** Nylon 101, Nylatron, Sustamid 6G/66 Nycast, ZL1100

**Outstanding features:**

Good Machinability, Good wear in dry environments.

Low friction, good abrasion resistance, ability to operate without lubri

**Processes:** Extruded, cast, injection molded,

**Applications:** Gears, sprockets, rollers, bearings, sheaves.



### PRODUCT NAME: **ACETAL**

**Chemical name:** POM Polyoxymethylene (homo polymer and co-polymer)

**Brand Names:** Delrin, Celcon, Acetron GP

**Outstanding features:** Good machining, good stability, good moisture resistance, good coefficient of friction, good wear in wet environments.

**Processes:** Extruded, injection molded,

**Applications:** Gears, cams, bushings, valves, impellers, rollers.



### PRODUCT NAME: **PEEK**

**Chemical name:** PEEK Polyretherethereketone

**Brand Names:** Ketron PEEK, Susta PEEK, Teca PEEK, Unitrex.

**Outstanding features:** Excellent chemical resistance, very low moisture absorption, good wear and abrasion resistance, unaffected by hot water and steam.

**Processes:** molded or extruded, glass filled, available.

**Applications:** Valve seats, pump wear rings, bushings, and bearings.



### PRODUCT NAME: **ULTEM**

**Chemical name:** PEI polyetherimide (amorphous)

**Brand Names:** Ultem, Susta PEI, Unitem

**Outstanding features:** High strength, high dielectric strength, UL 94-V-0 rated, dimensionally stable.

**Processes:** Injection molded, blow molded, extruded, and compression molded.

**Applications:** High voltage applications, High temperature bobbins, coils, fuse blocks, printed wiring boards, jet engine components, under the hood auto components.

