

## Polyolefins

### PRODUCT NAME: **ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE**

**Chemical name:** UHMW PE

**Brand Names:** TIVAR, Ramex, Polystone, Lennite.

**Outstanding features:** Tough, Inert, and Very Abrasion Resistant.

**Processes:** Compression Molded, Ram extruded, Skived from compression molded sheets. Rods, ram extruded, and compression molded.

**Applications:** Conveyor wear strips, snowmobile skis, guide rails, bearings, chute liners. Anywhere there is need for a slick abrasion resistant material, below 160°F.



### PRODUCT NAME: **POLYPROPYLENE**

**Chemical name:** PP

**Brand Names:** Proteus, Versadur 500, Polystone P, Protec.

**Outstanding features:**

Good thermal, chemical, and electrical properties, moderate strength. Approved for direct food contact.

**Processes:** Extrusion, injection molding, blow molding, compression molding, and rotational molding.

**Applications:** Tanks, Tank covers, battery cases, cutting boards, plating tanks, wash booths, acid tanks, tank lining, lab equipment, exhaust equipment, and irrigation.



### PRODUCT NAME: **PVC – VINYL**

**Chemical names:** Polyvinyl Chloride - Clear sheet, Type I. Type II Clear (plasticized).

Type I - gray - normal impact, high corrosion resistant.

Type II - gray- Modified for improved impact.

**Brand Names:** Various.

**Outstanding features:**

Excellent chemical resistance, low cost.

**Processes:** Extruded, Foamed, injection molded.

**Applications:** Flexible tubing, containment membrane, tape, toys, pipe, fittings, siding, signs, trim boards.

