

# Homopolymer PP Sheet

## Simona® PP-H Extruded Sheet



Polypropylene is a member of the polyolefin family of the thermoplastics, polypropylene exhibits properties that make it an excellent choice for corrosion resistant applications. Homopolymer Polypropylene is the most widely utilized.

Homopolymer Polypropylene is a crystalline material offering a broad range of good physical, mechanical, thermal, chemical, and electrical properties. The high degree of crystallinity and low density of Homopolymer Polypropylene offers a high strength to weight ratio. Combining the high strength to weight ratio with good chemical resistance and weldability of Homopolymer, Polypropylene allows the material to be used in many corrosion resistant structures.

4

PLASTIC SHEET & ROD

### Application:

- Semiconductor processing equipment
- Machined and fabricated parts
- Laboratory equipment
- Wet benches
- Food grade applications
- Prosthetics
- Etching and plating tanks
- Acid tanks
- Ducts, fume hoods and other protective equipment

### Features:

- Excellent chemical and corrosion resistance
- Easily to fabricate, weld or machine
- Accurate to dimensional tolerances
- Stress relieved, square, flat sheets
- Color consistent
- Showcase quality surface
- Meets established ASTM specifications

DESCRIPTION	SIZE	FEATURE	PROTECTION	SIZE RANGE
500 Natural	48" x 96"	Stress Relieved	without protective foil	3/4" and 1"
500 Natural	48" x 96"	Stress Relieved	2 side protective foil	1/16 - 2"
515 Euro grey	48" x 96"	High Gloss/Stress Relieved	1 side protective foil	1/8" to 1"
520 White	48" x 96"	High Gloss/Stress Relieved	2 side protective foil	1/8" to 1"
520 White	48" x 96"	High Gloss/Stress Relieved	without protective foil	1/16'
530 Black	48" x 96"	High Gloss/Stress Relieved	2 side protective foil	1/8" to 1/2"
500 Natural	48" x 120"	Stress Relieved	without protective foil	1/4" to 1/2"
500 Natural	48" x 120"	Stress Relieved	2 side protective foil	3/4" to 1"
520 White	48" x 120"	High Gloss/Stress Relieved	2 side protective foil	1/4" to 1'
500 Natural	48" x 144"	Stress Relieved	without protective foil	1/4" to 1/2"
500 Natural	48" x 144"	Stress Relieved	2 side protective foil	3/4" to 1"
520 White	48" x 144"	High Gloss/Stress Relieved	2 side protective foil	1/4" to 1'
500 Natural	60" x 120"	Stress Relieved	without protective foil	1/4" to 1/2"
500 Natural	60" x 120"	Stress Relieved	2 side protective foil	3/4" to 1"
520 White	60" x 120"	High Gloss/Stress Relieved	2 side protective foil	1/4" to 1'

### Notes:

- ASTM D-4101 Group I Class I Grade I.
- FDA Regulation Title 21 CFR 177.1520 (C1.1).
- Federal Specification LP-394B Type I (GP) Type III Grade IIIA Class III.
- California Proposition 65 – Safe Drinking Water and Toxic Enforcement Act – Passes.
- UV Radiation Exposure 500 hours no visible change (515 European grey).
- For technical data, please contact customer service.