

Simona® PPC Sheet



PART NUMBER	THICKNESS (IN)	WEIGHT PER SHEET (LBS)
EUROGREY, 120X60		
10023764	0.375	89.06
10023765	0.5	118.74
10023766	0.75	178.12
10023767	1	237.49
10023768	1.5	356.23

PART NUMBER	THICKNESS (IN)	WEIGHT PER SHEET (LBS)
NATURAL 96X48, UNMASKED		
10016770	0.125	19
10016772	0.187	28.42
10016773	0.25	38
10016774	0.375	57
10016775	0.5	76
10016776	0.75	114
10016777	1	151.99
10016779	1.5	227.99

NATURAL 96X48, SINGLE MASKED

10016718	0.125	19
10016719	0.187	28.42
10016720	0.375	57

NATURAL 120X48, UNMASKED

10016750	0.187	35.53
10016751	0.25	47.5
10016752	0.375	71.25
10016753	0.5	95
10016754	0.75	142.49
10016755	1	189.99

NATURAL 120X60, UNMASKED

10016757	0.25	59.37
10016758	0.375	89.06
10016759	0.5	118.74
10016760	0.75	178.12
10016761	1	237.49
10016762	1.25	296.86
10016763	1.5	356.23

BLACK 96X48, UV, MASKED 2 SIDES

10016826	0.187	28.42
10016829	0.25	38
10016830	0.375	57
10016831	0.5	76
10016832	0.75	114
10016833	1	151.99
10016834	1.5	227.99

BLACK 120X48, UV, MASKED 2 SIDES

10016811	0.375	71.25
10016812	0.5	95
10016813	0.75	142.49
10016814	1	189.99

BLACK 120X60, UV, MASKED 2 SIDES

10016815	0.25	59.37
10016816	0.5	118.74
10016817	0.75	178.12
10016818	1	237.49
10016819	1.5	356.23

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. Copolymer Polypropylene involves the introduction of a second monomer to the propylene monomer during the polymerization process. The resin manufacture will introduce a small percentage of ethylene monomer to the propylene monomer resulting in a product that exhibits better impact strength than Homopolymer Polypropylene. When compared to Homopolymer Polypropylene rigidity, chemical resistance and temperature resistance properties of Copolymer Polypropylene are slightly lower.

Applications:

- Tanks and linings
- Lab equipment
- Etching equipment
- Fume hoods, duct work
- Battery cases
- Machined parts
- Industrial doors

Features:

- High impact resistance
- Excellent chemical and corrosion resistance
- Excellent impact strength at low temperatures
- Lightweight
- Excellent formability
- Good abrasion resistance
- Good electrical properties

TECHNICAL DATA

	TEST METHOD	UNIT	TYPICAL VALUE
PHYSICAL			
Density	ASTM D-792	g/cc	0.905
Water Absorption (24 hrs @ 73 °F)	ASTM D-570	%	<0.01
MECHANICAL			
Tensile Strength	ASTM D-638	PSI	3,600
Tensile Modulus	ASTM D-638	PSI	150,000
Elongation	ASTM D-638	%	7500
Izod Impact	ASTM D-256	ft. lbs./in.	No Break
Hardness, Shore D	ASTM D-2240		80
THERMAL			
Heat Distortion Temperature at 66 psi	ASTM D-648	°F	180
Heat Distortion Temperature at 264 psi	ASTM D-648	°F	133
Coefficient of Thermal Expansion	ASTM D-696	in./in. °C	8.88 x 10 ⁻⁵
Temperature Range		°F	-4 to +180
FLAMMABILITY			
Flammability			normal flammability

Notes:

- Call for custom lengths, other sizes, colors or special requirements.
- Also available in metric sizes in white grey, euro grey, and black.

