

## Sheets &amp; Profile systems

## PP Sheets

## NovaLene



## Typical applications

- Chemical Storage
- Filtration Systems, pickling tanks
- Etching Tanks, Fabrication Works
- Fume Extractors / FRP Lining
- Office Stationery
- Thermoforming plastic parts
- Industrial Flooring
- Orthotics and prosthetics
- Shipbuilding machinery
- Corrosive fume exhaust systems
- Engineering Components
- Point of Display
- Semiconductor equipment
- FRP Lining Fabrication
- Chemical industry.
- Electroplating plants

Polypropylene is a semi-rigid, translucent polymer with good toughness and weather resistance properties. It is a largely non-polar, partially crystalline thermoplastic with a crystallinity of 60 to 70%. PP has a density of 0.90 to 0.91 g/cm<sup>3</sup> which is amongst the lowest densities for all plastics. NovaLene® sheets are made in 3 basic grades for application based usage - in PP-Homopolymer (PP-H), PP-copolymer (PP-C) & PP Random Copolymer (PP-R). PP has replaced a lot of traditional materials of construction including metals, wood and concrete in a variety of applications.

## Standard Sizing


NovaLene PP sheets are available in the following and variations:


Thickness (mm)	Width x Length (m)	Packing
0.2 - 1	-	10 Rolls
2	1.5 x 2.0	10 Rolls
3		10 Rolls
4	1.22 x 2.44	10 Rolls
5	1.25 x 2	4/5/6/8 nos
6	1.5 x 3	4/5/6 nos
8	1.22 x 2.44	3/4/5 nos
10		2/3/4/5 nos
12	1.25 x 2	2/3/4 nos
15	1.25 x 3	2/3 nos
20	1.5 x 3	1 nos
25	1.5 x 3	1 nos
30 - 200	1.25 x 2	1 nos


## Grades


PPH, PPH 2150, PP-CO, PP-RC, PP-FR, PP-Std, PP-EL, PP-UV, PP-SK, PP-GL, PP2222-36

## Colours

Dark grey 

Natural 

Black 

Custom 

Embossing / designs also available.

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## Features

- Excellent Chemical Resistance
- High Thermal Resistance
- Excellent Fusion Capabilities
- Homogenous structure
- Excellent Fatigue Resistance
- High Impact Strength
- High Stress Crack Resistance
- Low density, Low weight
- Excellent Dielectric properties
- Good Elasticity
- Non Toxic, Food Grade
- Good Thermal insulation

