

# PLAZIT-POLYGAL MULTIWALL POLYPROPYLENE EXTRUDED SHEETS

## PRODUCT DATASHEET



### DESCRIPTION

PLAZIT-POLYGAL MULTIWALL POLYPROPYLENE EXTRUDED SHEETS are designed for use in a wide range of packaging and sign applications and are produced according to a proprietary PLAZIT-POLYGAL standard.

Polypropylene twin-wall sheets are manufactured a range of thicknesses from 2 to 6 mm in a wide range of opaque and translucent colors.

Polypropylene multiwall sheets can be produced upon request with protection against UV solar radiation by the addition of UV absorbing material.

The complete range offers resistance to mechanical damage and water, outstanding strength-to-weight ratio and can be easily cut, marked and folded.

### TYPICAL PROPERTY VALUES

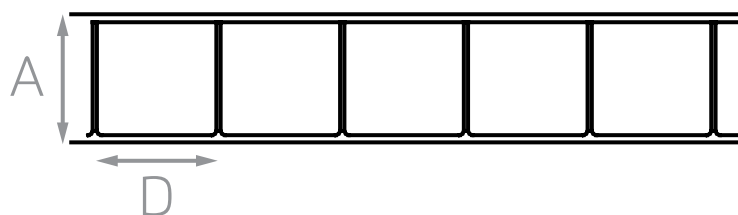
Thickness, mm (A)	Standard Weight, g/m <sup>2</sup>	Rib Spacing, mm (D)	Width, mm	Surface corona treatment, dyne/cm **	Coefficient of linear expansion m/(m•°C)	Service Temperature Range, °C
2	330 (300*)	3.0	≤1600	Standard level -38	1.35•10 <sup>-4</sup>	-5 – +85
2.5	350 (400*, 450*)	3.0				
3	500 (550*, 600*)	3.0				
3.5*	550*	3.0				
4	800 (700*, 750*, 1000*)	3.0				
5	1000 (900*, 950*)	3.0				
6	1500	3.0				

Remarks:

\* Nonstandard weights and thicknesses are special order only.

\*\* Surface corona treatment is measured according to Standard ASTM D-2578 standard.

### STRUCTURES



## TOLERANCES FOR DIMENSIONS

Polypropylene sheets with thickness of up to 5 mm can be supplied with length up to 50 m (long lengths are supplied in rolls).

Maximum lengths are subject to shipping constraints.

Standard width: 800 mm. Other widths are available upon request and may require minimum quantities.

Type	Thickness, mm	Width *, mm	Length *, mm
2 mm	± 0.2	± 2 / ± 5	- 0, + 5 / - 0, + 10
2.5 mm			
3 mm			
3.5 mm			
4 mm			
5 mm			
6 mm			

Remark: \* finished product / for cutting

## DEFINITIONS

### FIRE RESISTANCE

A fire-retarding additive can be added to the sheet upon request in order to meet certain fire standards. Plazit-Polygal polypropylene multi wall sheets meet UL 94 HB.

### CHEMICAL RESISTANCE

Polypropylene sheets have been successfully used in combination with different organic and inorganic materials. The chemical stability depends on many factors such as concentration of the chemical agents and on the exposer temperature. For detailed information, please contact Plazit-Polygal Technical Support.

## GENERAL GUIDELINES

### STORAGE

Sheets must be stored in a dry, dark and well ventilated area, without exposure to direct sunlight, wind, dirt or hard objects.

Sheets should be stored on a flat, clean raised surface, and placed on a soft material (such as cardboard) to prevent damage.

### CLEANING & MAINTENANCE

Polypropylene sheets will give better service life with simple cleaning: use warm soapy (mild liquid dish soap) water to clean sheets. If any dirt remains, gently wipe off with a soft cloth. Do not use sponges, squeegees, brushes or sharp instruments as they may damage the sheet surface.

### RE-WORKING

Polypropylene multiwall sheets can be cut easily and accurately using standard workshop cutting tools.

DISCLAIMER: The data in this advertisement is provided in good faith and constitute general information without commitment, and no warranty is given or implied. Polycarbonate is a combustible thermoplastic material that complies with various international standards, as customary in each country. Avoid exposure to excessive heat or aromatic cleaning solvents. Normal fire precautions should be taken to protect against combustion.

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