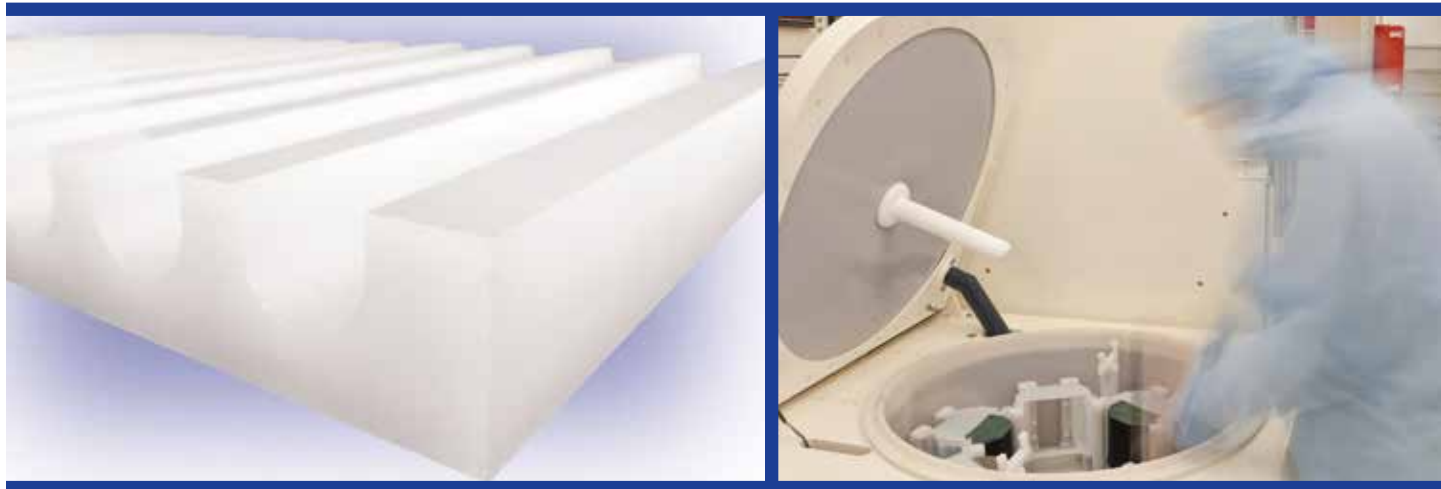


SEMITRON® PP

NEW

from QUADRANT

POLYPROPYLENE CREATED SPECIFICALLY FOR THE SEMICONDUCTOR INDUSTRY



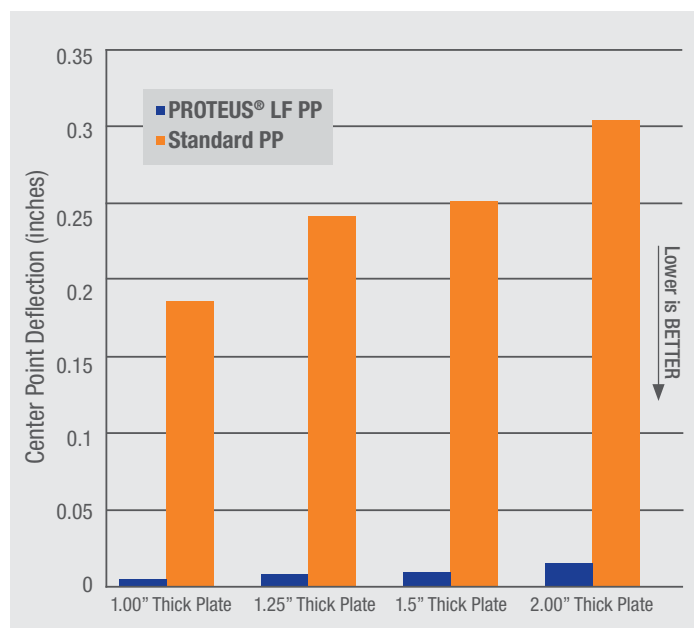
Semitron® PP is polypropylene plate developed specifically for demanding Wet Process Semiconductor applications that requires a high level of dimensional stability.

KEY BENEFITS

- Minimizes center line porosity common with thicker plates (2" & up)
- Delivers Ultra-Clean plate to minimize risk of surface contaminants
- Lowers overall cost by delivering lower stress plate

MINIMAL CENTER LINE POROSITY

- Quadrant® has developed proprietary processing methods to minimize the high stress & center line porosity that is common with standard polypropylene
- The plates, ranging from 2" to 5" thickness are manufactured to the highest standards for use in the Semiconductor Wet Process Industry



* Data Source: Quadrant Lab Test

SEMITRON® PP VS. STANDARD PP

Lower Internal Stress allows for accelerated fabrication cycles through faster speeds & feeds as well as reducing or eliminating the need to anneal.

SEMITRON® PP PLATE



STANDARD PP PLATE



SIZES AVAILABLE

	Thickness (in.)	Plate Size (mm.)		Plate Size (in.)	
Proteus® LF	0.25	610 x 1220	1220 x 3050	24 x 48	48 x 120
	0.375	610 x 1220	1220 x 3050	24 x 48	48 x 120
	0.500	610 x 1220	1220 x 3050	24 x 48	48 x 120
	0.625	610 x 1220	1220 x 3050	24 x 48	48 x 120
	0.750	610 x 1220	1220 x 3050	24 x 48	48 x 120
	1.0	610 x 1220	1220 x 3050	24 x 48	48 x 120
	1.25	610 x 1220	1220 x 3050	24 x 48	48 x 120
	1.5	610 x 1220	1220 x 3050	24 x 48	48 x 120

Proteus® LF - Proprietary formulated PP plate and sheet that exhibits superior dimensional stability and flatness after aggressive fabrication

	Thickness (in.)	Plate Size (mm.)		Plate Size (in.)	
Semitron® PP	2.0	610 x 1220	1220 x 3050	24 x 48	48 x 120
	2.25	610 x 1220	1220 x 3050	24 x 48	48 x 120
	2.5	610 x 1220	1220 x 3050	24 x 48	48 x 120
	3.0	610 x 1220	1220 x 3050	24 x 48	48 x 120
	4.0	610 x 1220	1220 x 3050	24 x 48	48 x 120
	5.0	610 x 1220	1220 x 3050	24 x 48	48 x 120

Semitron® PP - Proprietary formulated thick plate PP that delivers low stress, low centerline porosity and ultra clean for demanding wet process applications

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