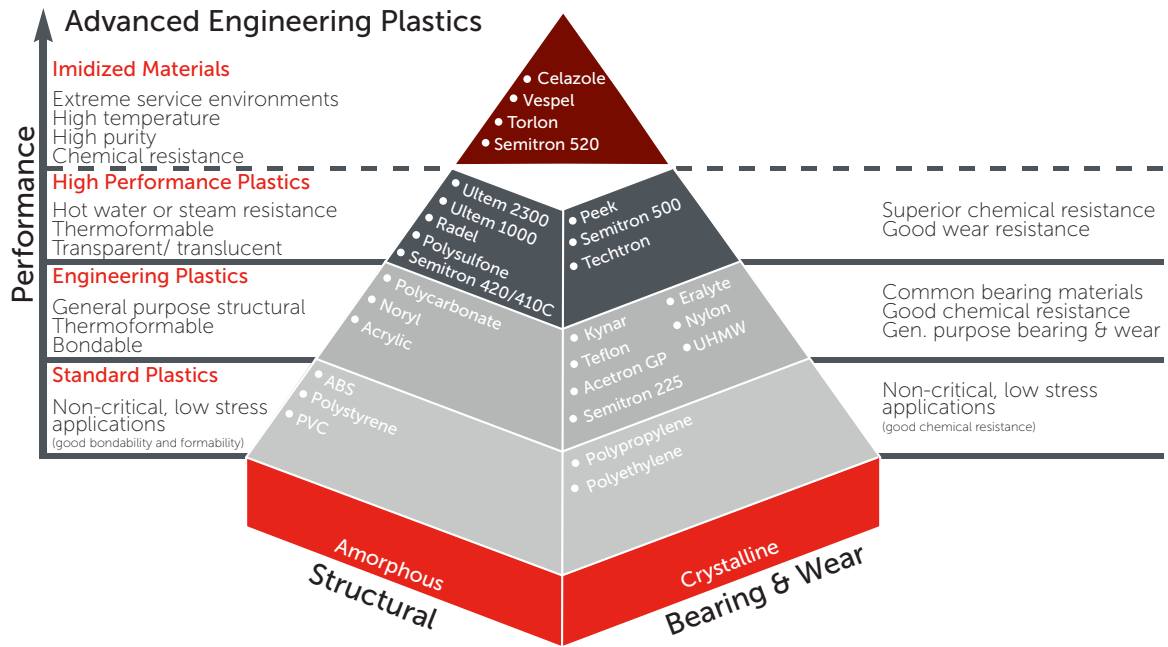


Specialty Products

Inventory - Plastics

Material	Specifications	Size range		Available shapes				
		Plate	Rod	Plate	Rod	Strip	Tube	Profile
Advanced engineering plastics								
Duratron PBI	Various specs	.500" - 1.50"	.375" - 3.75"					
Duratron PI	Various specs	.500" - 1.50"	.375" - 3.75"					
Duratron PAI Grades 4203 4301 5030 5530 7130	ASTM D7292 S-PAI0111 ASTM D7292 S-PAI0121 ASTM D7292 S-PAI0131	.5" - 8.5"						
Vespel SP-1 SP-22	ASTM 1708 ASTM 790 ASTM 695	.250" - 1.50"	.125" - 4"					
Semitron ESD 520	Various specs	.375" - 1.50"						
Semitron MDS 100	Verious specs	2mm - 12mm						
Engineering plastics								
Semitron 500	Various specs	.250" - 2.00"						
PEEK	ASTM D6262 S-PEAK 0111	.250" - 4.00"	.125" - 6.00"					
Techtron PPS	ASTM D6358 PPS 000 B43050	.250" - 2.00"	.250" - 5.00"					
Ultem 1000 2300	ASTM D7293 S-PEI 0111 ASTM D7293 S-PEI 0213	.250" - 4.00"	.125" - 8.00"					
Semitron 410C 420 480	Various specs	.375" - 2.00"	.375" - 3.00"					
High strength								
Semitron 225	Various specs	.250" - 4.00"	.187" - 6.00"					
Polycarbonate	ASTM D6098 S-PC 0121	.125" - 4.00"	.187" - 4.00"					
Ertalylte	ASTM D6261 S-TPES 0211	.078" - 4.00"	.275" - 7.00"					
Nylon 101, Nylon GS, Nylon NSM	ASTM D5989 S-PA0111 ASTM D5989 S-PA 0113	.031" - 4.5"	.062" - 6.00"					
Acetron GP	ASTM D6100 S-POM 0211, LP (Low porosity)	.031" - 4.5"	.062" - 12.0"					
UHMW (Tivar)	ASTM D6712 S-UHMW-PE0111	.250" - 4.5"	.250" - 8.00"					
PTFE (Teflon) Grades	ASTM D1710	.125" - 4.0"	.062" - 8.0"					
Derlin 500, Delrin AF, Delrin DE588	ASTM D6100 S-POM 0143 ASTM D6100 S-POM 0111	.250" - 4.0"	.250" - 8.00"					
ECTFE	ASTM D792 ASTM D638	.250" - 2.00"	.250" - 2.00"					
PCTFE Kel-F	ASTM D792 AMS 3650		.375" - 1.00"					
Polypropylene	Verious specs	.062" - 3.00"						
Polyethylene	Various specs	.062" - 3.00"						

Materials and Applications Pyramid



Electro-static dissipative Materials (ESd)

Material	Surface resistivity, ohms/sq.
Semitron® ESd 225	10 ⁹ - 10 ¹⁰
Semitron® ESd 410C	10 ⁴ - 10 ⁶
Semitron® ESd 420	10 ⁶ - 10 ⁹
Semitron® ESd 420V	10 ⁶ - 10 ⁹
Semitron® ESd 480	10 ⁶ - 10 ⁹
Semitron® ESd 520HR	10 ¹⁰ - 10 ¹²

Capabilities

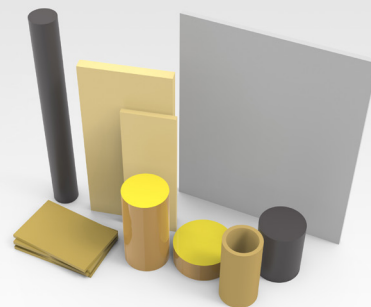
Process	Gauge	Dimension
Plate saw cutting	.125" - 2.5"	.500" - 24.0" width
Bar cutting	.125" - 4.0"	1' - 12' length

Request a quote today

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