



Townsend



Spartech Townsend

Spartech Townsend manufacturers cast acrylic tube, rod and sheet to the highest possible standards. Spartech Townsend is a leading manufacturer of Medical Grade Implantable PMMA used for intraocular lenses and cement spacers for orthopedic prostheses.

- Tube:** OD range 1-1/2 " to 15"
Wall thickness: .125" to .500"
Standard Lengths: 4', 5' and 6'
- Rod:** Machined grade .318" to 3" dia
Lengths: 4' and 8'
- Sheet:** Close tolerance commercial grade sheet
Thickness: .030" to .250"

Property	Average Values	Test Method
Monomer Content	<0.8%	GC
Refractive Index	1.490+,005/- .000	ASTM D542
Specific Gravity	1.19	D 792
Rockwell Hardness	M-94	D 785
Tensile Strength (Rupture)	8,190 PSI	D 638
Flexural Strength (Rupture)	13,900 PSI	D 790
Compression Strength (Yield)	18,200 PSI	D 695
Impact Strength (Izod unnotched -Ft,lbs./in)	4.2	D 256
Abrasion Resistance (Falling Emery Test- Times Methacrylate)	3.0	D 673
Solvent Resistance -& Days/25°C Acetone Ethylacetate Ethylene Dichloride	Undissolved Undissolved Undissolved	D 543
Water Absorption	0.35%	D 570
* Values based on 3 mm Thickness with infinite molecular weight		