

TAMSHHELL

ISO 9001:2000/AS9100 Certified & ITAR Registered

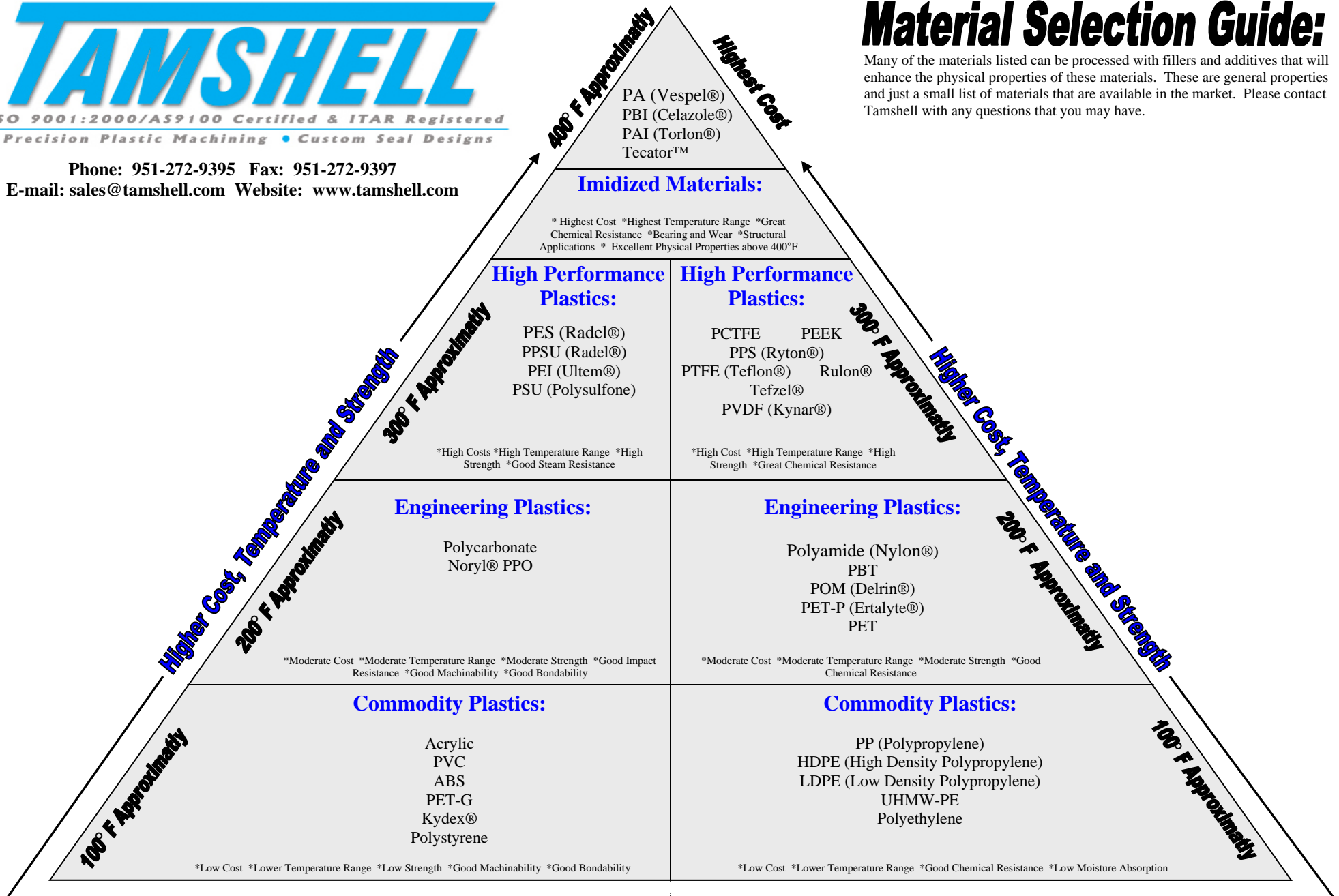
• Precision Plastic Machining • Custom Seal Designs

Phone: 951-272-9395 Fax: 951-272-9397

E-mail: sales@tamshell.com Website: www.tamshell.com

Material Selection Guide:

Many of the materials listed can be processed with fillers and additives that will enhance the physical properties of these materials. These are general properties and just a small list of materials that are available in the market. Please contact Tamshell with any questions that you may have.



Amorphous Materials: Semi-Crystalline Materials:

Structural applications only. Not suitable for bearing and wear.

- Soften over broad range of temperatures
- Tend to be transparent or translucent
- Bond well with adhesives
- Prone to stress cracking
- Poor chemical resistance

Good for bearing and wear as well as structural applications.

- Sharp melting point
- Tend to be opaque
- Difficult to bond using adhesives
- Good resistance to stress cracking
- Good chemical resistance
- Good fatigue resistance