

Drake Plastics Ltd. Co.

Summary

- Founded in 1996
- Head Quarters:
 - 14869 Grant Road, Cypress, TX 77429
- Facilities:
 - Cypress, TX: 6 000 m² on 18 ha
 - San Antonio, TX: location in Drake owned 900 m² facility
- 48 Employees
- ISO 9001-2015 certified
- ISO 13485 conforming for Drake Medical
- Privately Held
- Debt Free
- Lean Manufacturer



Connecting High Performance Polymers to Customers

Drake Plastics' Mission

To provide **high performance polymer solutions** that enhance the performance of our **customer's products and processes**. Our strengths are **technical expertise**, exceptional **customer service** and broad processing capabilities including: **Product and Process Development; Extrusion; Injection Molding; and Precision Machining**.



Additionally, we:

- Honor our commitments and settle all just debts within terms
- Safely produce quality products and deliver them on time
- Achieve sufficient profit to finance company growth and provide resources needed to accomplish other objectives
- Let growth be limited only by profits and our ability to identify, develop and produce unique products that satisfy customer needs
- Be good stewards of our environment and an asset to our community
- Bestow all people with love, respect and honesty so that the presence of God in our hearts may be evident to all, and through our growth this presence expanded. Auxilio Divino!

Drake Difference: Narrow Focus, Customer Centric

Drake Plastics Ltd. Co.

Services

- Quick, accurate customer service
- Same day shipping
- MTO delivery in days or weeks
- Short run capabilities
- Excess capacity by design

Primary Products/ Capabilities

- Torlon and PEEK Stock Shapes
- Precision Fabrication
- Injection Molding of parts and shapes
- Research and process development of high performance polymers



Extrusion

Equipment

- 18 Drake designed & built extruders
- Complete downstream equipment
- 24 annealing / cure ovens
- Moisture control

Process Control

- In-die pressure measurement
- Close loop pressure control
- Precision temperature and rate control

Quality

- Single piece flow
- Teardown following each run
- Dedicated dryers for each resin
- Ultrasonic inspection



Drake Difference: Lean High Performance Resins Conversion

Machining

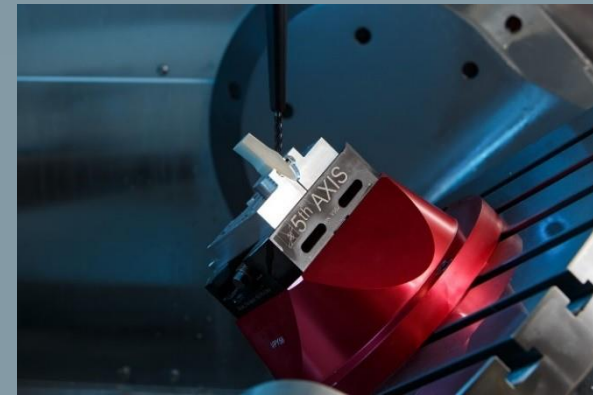
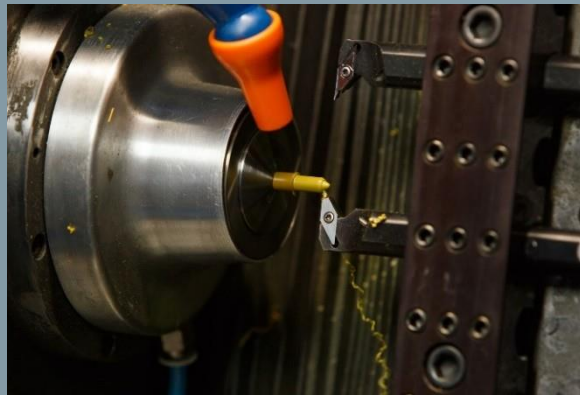
Equipment

- 20 CNC machines
 - Precision turning 3.2 to 406 mm
 - Multi axis milling
 - Tolerances to 0.008mm
- Inspection: coordinate measuring machine (3), visual and surface
- 3D printing for modeling parts



Finishing/ Decorating

- Ultrasonic Cleaning
- Tumble debur
- Painting
- Laser engraving



Drake Difference: Precision, Speed, Traceability, Efficiency

Injection Molding

Equipment

- All Toyo electric machines (35, 55, 200 and 300 ton)
- Oil heated molds
- Moisture control
- Secondary ops
 - Precision fabrication
 - Laser engraving



Process Control

- In-cavity pressure measurement
- RJG process control
- Injection-Compression capability

Quality

- Teardown following each run
- Scientific molding practices
- Dedicated dryers
- Master Molder Certification



Drake Difference: Tight Process Control, Heavy Cross Sections, Short Runs, High Reliability

Analytical Capabilities

Laboratory & Analytical Equipment

- Instron 3369 universal test machine
- Starrett hardness tester
- TA instruments DSC
- Design and molding assistance
- Twin screw extrusion capability
- 1350 bar pressure vessel



Drake Difference: Intimate Polymer & Process Knowledge

Drake Medical Plastics

- Launched in second quarter 2016
- Primary focus: ramp up and support key customers aggressive production and quality requirements
- Expanding focus, facilities, and production and market capabilities
- Intimate market and application knowledge and a \$1MM base



**DRAKE
MEDICAL**
PLASTICS LTD. CO.



Converting ideas into action – “Melt to Part”