



TWO SHOT MATERIAL

Material Compatibility Reference Chart

Northeast Mold & Plastics is a leading supplier of two-shot moldingshot, multicomponent and multi-material molding. With in-house design and engineering services, we can assist you with your next application. Whether you need to achieve market differentiation or need to build functionality into your next application, let Northeast Mold and Plastics help you achieve your goals.

Applications for Two Shot and Multi-Component molding include:

- Endoscopy
- Laparoscopic Instrumentation
- Glucose Monitors
- Infusion Therapy
- Ophthalmic Products
- Gasketing
- Optical Devices
- Blood Collection
- Syringes
- Diagnostic Equipment



Two-Shot, multi-material and multi-component technology offer several tangible benefits to the medical industry. Here are just a few . .

- Eliminate decorating by using two different colored materials
- Eliminate assembly steps by molding two components in one process
- Enhance product features using soft touch elastomers
- Enhance end-user performance using non-slip grips
- Reduce validation costs by combining two components into one
- Improve product function with water shield and protection
- Improve safety of devices with component adhesion
- Improve performance by reducing vibration and noise dampening
- Reduce processing & tooling costs by combining 2 components into 1

Material	ABS	ASA	CA	PA 6	PA 6.6	PA Blend	PBT	PC	PC/ABS	PC/PBT	PC/PET	PE	PET	PMMA	POM	PP	PPO	PS	SAN	TPE	TPU	LSR	
ABS	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
ASA	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
CA	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
PA 6	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
PA 6.6	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
PA Blend	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
PBT	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
PC	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
PC/ABS	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
PC/PBT	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
PC/PET	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
PE	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
PET	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
PMMA	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
POM	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
PP	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
PPO	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
PS	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
SAN	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
TPE	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
TPU	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
LSR	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green

Green Excellent Adhesion

Light Green Good Adhesion

Yellow Fair Adhesion

Red Poor Adhesion

White No Data Available

Northeast Mold & Plastics is a custom injection molder serving the medical, filtration, electronic and industrial markets. We are ISO9001:2008 registered, UL approved, TQM Certified and FDA Registration (pending). Our company's foundation is built on the three principles of Quality, Service and Technology. After all, it's your product and our reputation.