

Take the plastics challenge!

material: _____
 used for: _____
 made by: _____



_____ : material
 _____ : used for
 _____ : made by



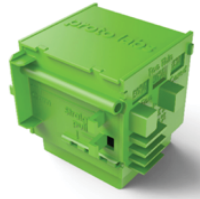
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Material options include:

- ABS:** shiny, colorful tough
- PLA:** Shiny, colorful, not as strong or tough as ABS
- PVC:** rigid, brittle or plasticized, smell
- Polyethylene:** inexpensive, flexible, waxy, chemical resistant
- Polypropylene:** similar to PE, but more rigid, infinite fatigue life
- Polystyrene:** hard, tinny sounding, brittle, can be foamed
- PMMA:** hard, glass-like, bright colors, brittle
- Polycarbonate:** bullet proof, can be very clear
- PET:** inexpensive, clear with very slight blue tint, food safe, tough

Manufacturing options include:

blow moulding, extrusion, injection moulding, roto -moulding, thermoforming

