

Beverage Container Design – Manufacturing and Recycling

Tony Moucachen
President, Merlin Plastics Supply Inc.



Manufacturing Design Considerations

- Challenge with maximising strength and minimising weight
- Challenge of bottles that are robust but light
- Supply of resin
- Challenges with resin prices



Recycling Design Considerations

- Historical difficulty with design features
 - Caps
 - Multi-plastics for bottle, caps, labels, etc.
 - Foreign matter such as paper, metal
 - Minimise waste that results from recycling
 - Colour

