

Benefits of Using Adhesives and Sealants in Plastic Construction

Reducing Your Costs...Expanding Your Options



Enhance the Aesthetic Design of your Product

- Eliminate stress points
- Avoid read-through in mold design
- Join where thermal joining methods are not feasible
- Eliminate unwanted visible joint lines
- Improve appearance by color matching bond lines
- Create tamper evident assemblies
- Hermetically seal and bond enclosures



Streamline your Process and Save Money

- Reduce need for clamps, fixtures, and jigs
- Permit thermal expansion of component parts
- Eliminate cost of “snap” assemblies
- Bridge gaps with color matching bond lines
- Eliminate corrosion associated with metal fasteners
- Produce sterilizable products
- Eliminate cavities or voids that collect dirt, grime or biological materials



Improve your Product and Design with New Materials

- Join dissimilar plastics with ease, as well as plastics with non-plastic materials (e.g. ceramics, wood, metal, rubber)
- Use recycled feedstock.
- Enable electrical or magnetic conductivity
- Facilitate design of complex, un-moldable 3-D assemblies
- Provide continuous bond line, offering stiffening without added weight or material
- Create multi-component laminates of dissimilar materials for improved properties



Produce Environmentally Friendly Products

- Facilitate easier recycling by eliminating contaminants in feed streams
- Offer cleaner, more convenient disposal
- Reduce waste via custom formulations



The Adhesive and Sealant Council, Inc.
7101 Wisconsin Avenue, Suite 990
Bethesda, MD 20814

Phone: (301) 986-9700
Fax: (301) 986-9795
www.ascouncil.org