

TWO SHOT MOLDING SOLUTIONS



Entec offers a cost-effective solution to challenges caused by parts that require the use of two different plastics. Two Shot injection molding is a process that molds one part using two different plastic resins. This enabling technology allows you to integrate two different plastic resins into one part without any post-molding assembly.

TWO SHOT TECHNOLOGY WITH PP/ASA/ NYLON & TPV

OPPORTUNITIES

- Having trouble with your TPV bonding to your rigid substrate such as PP, ASA, or Nylon?
- Let Entec and EnPlast help you solve the problem with our world class TPV's designed for superior two shot molding performance. We carry a full line of soft materials that cover hardness ranges from 40-85 Shore A.



- We offer the full range of engineering thermoplastics (PP, ASA, Nylon, etc.) capable of completing this two shot technology.
- We understand the design criteria necessary to complete this strategy.
- ~ We can troubleshoot the processing on both sides of the resin.

ADVANTAGES

- More design freedom. Better performance of your two shot sytem.
 Less operations in assembly providing a more cost effective design.
- Better air and gap management to adjacent components. Molded in two shot seals hold a tighter tolerance versus a secondary assembled component. Less waste of material, manpower, and machine time providing a superior system.
- ~ Quicker startup from design to production validation.
- ~ No more finger pointing from one supplier to another.



The information presented in this document was assembled from literature of the resin product producer(s). The information is believed to be accurate however Entec Polymers ("Entec") makes no representations as to its accuracy and assumes no obligation or liability for the information, including without limitation its content, any advice give the results obtained ENTEC DISCLAIMS ALL WARRANTIES EXPRESSED OR IMPLIED INCLUDING FITNESS FOR A PARTICLUAR PLIED OSS. The customer shall use its own independent skill and expertise in the evaluation of the resin product to determine suit shilling a product to determine suit shilling and expertise in the evaluation of the resin product.

Where Can I Use This Design Strategy?













