

EMAC 276 - Homework Assignment #2

Due: Friday, February 14

Dr. Olah

During our classes we identified several common polymers that when initially discovered were described as “value-less”, “impossible to process”, “a useless mass”, etc. We also identified several methods (“tricks”) that were subsequently utilized to develop these polymers into successful products; many which are still with us today.

Your exercise is to select one polymer (either from our in-class discussion or from outside our class discussion) and describe 1) the polymer and the initial performance deficiency, 2) the action taken to overcome this deficiency, and, 3) the ensuing product(s) developed from this modification.

If you choose to use an “in class” example your maximum score will be 10.

If you choose to use an “outside the class” example your maximum score will be 12. (i.e., final score +2)

Your answer shall be short comprising between one-half to one page.

Your answer is shall be structured accordingly:

Paragraph #1: Identify and describe the polymer and it’s initial deficiency **(3 Points)**

Paragraph #2: Identify the modification or “trick” which was utilized to overcome this deficiency. **(5 Points)**

Paragraph #3: Identify the commercial product or products resulting from this modification. **(2 Points)**