

## Moisture Vapor Transmission

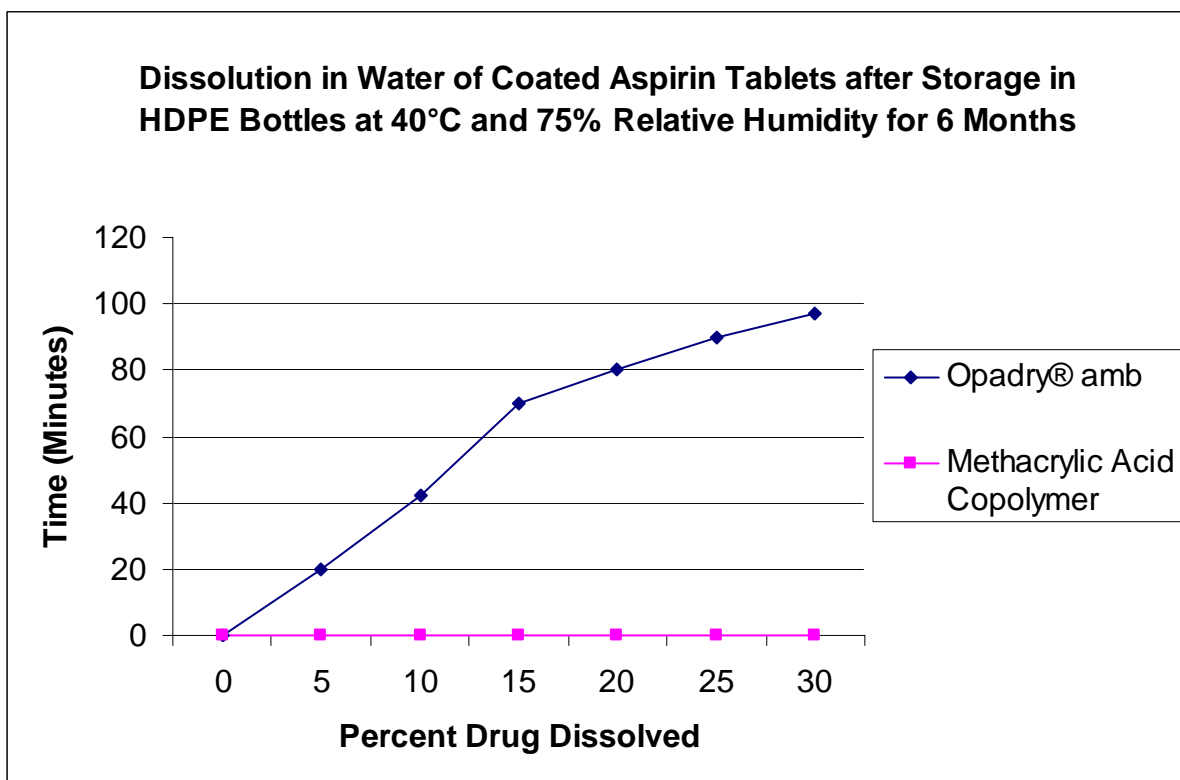
### UNSURPASSED PROTECTION FROM ENVIRONMENTAL MOISTURE

Opadry<sup>®</sup> amb, aqueous moisture barrier film coating system, is a product specifically designed for the coating of oral solid dosage forms that need to be protected from environmental moisture. Opadry amb has shown the lowest moisture vapor transmission rates of all coatings tested.

### DISSOLUTION IS NOT COMPROMISED

The protection of tablet cores against moisture can be achieved with water-insoluble polymers, but the drawback of such systems is a slower dissolution of the tablet in the stomach or intestine. Since Opadry amb is based on a water-soluble polymer, its performance is pH-independent and dissolution is not delayed, even when the tablets are stored in high humidity (Figure 1).

Figure 1 – Dissolution



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