

Abstract:

Resins and cross-linkers are combined to form the binders used in today's thermosetting powder coatings.

The various chemistries used in modern powder coatings will be the topic of this paper.

All powder coatings are based upon resin systems that contribute to the ultimate performance capabilities of each powder coating.

Answers to the following questions will be provided.

What kinds of chemistries are available?

What kinds of cross-linkers are available?

Synthesis of polyesters will be covered.