

Cargill's Game-Changing Recycled Polyols for Coatings and Adhesives

As the industry increasingly adopts sustainable raw materials, the demand for recyclable materials is growing. Traditionally, polyols with recycled content have struggled to meet the performance requirements, however, Cargill is changing the game with its novel recycled-based polyols providing durability and performance in polyurethane dispersion applications.

They are formulated from recycled plastics and diacids derived from natural oils, resulting in a liquid polyol with a crystalline structure. This structure improves the surface hardness of coatings and maintains flexibility.

Additionally, the combination of recycled and bio-based materials in these novel polyols offers a unique blend of hydrolytic, thermo-oxidative, and chemical resistance, making them highly suitable for demanding applications such as sealants, sportswear, and automotive components.