

## DEVELOPMENTAL POLYESTER POLYOLS

PD-56, PD-110 and PD-212: For Elastomers, Coatings and Adhesives

Consumers of bio-based intermediates enjoy more stable costs than their competitors using petroleum-based intermediates. GC Innovation’s Developmental Polyester Polyols are made from bio-succinic acid, and will allow polyurethane manufacturers to make products with a smaller environmental footprint and no performance penalty, at a competitive cost.

### Derived From Succinic Acid and 1-3 Propanediol

GC’s developmental linear polyester polyols, made from bio-succinic acid and 1,3-Propanediol, provide 100% renewable content and good properties for elastomers, coatings and adhesives. As with any product, the performance of these polyols in any application must be verified by the end user.

### Storage and Handling

| Product Code | Hydroxyl Number | Functionality   | Viscosity (60 °C, cPs) | Moisture (wt%) | Acid Value | Color (APHA) | Bio-Based Carbon Content |
|--------------|-----------------|-----------------|------------------------|----------------|------------|--------------|--------------------------|
| PD-56        | 56              | Linear, f = 2.0 | 3700                   | <0.05          | < 1.0      | --           | 100%                     |
| PD-110       | 110             | Linear, f = 2.0 | 730                    | <0.05          | < 1.0      | --           | 100%                     |
| PD-212       | 212             | Linear, f = 2.0 | 1700 (25 °C)           | <0.05          | < 1.0      | --           | 100%                     |

GC’s developmental linear polyester polyols are hygroscopic and may absorb water. Containers should be kept tightly closed and protected from contamination, especially by moisture. The products should be stored in cool, dry locations. The products may be heated prior to use to reduce the viscosity for processing.

### Health and Safety Information

Before working with these products, read and become familiar with the hazards, proper use and handling characteristics of the product. When using these products, the information and advice given in the Safety Data sheet, available on request, should be observed.

### Packaging

Samples are available in 1-quart containers.

**SAMPLES AVAILABLE!** Order today by visiting [www.gcinnovationamerica.com](http://www.gcinnovationamerica.com)