



## NOVOC® 8124

**NOVOC® 8124** is a general purpose, high solids, zero HAP's, modified polyester resin developed by Andara, LLC to help customers comply with air quality emission standards. The resin system emits less than 1% VOC's.

**NOVOC® 8124** displays good impact properties. The resin is suitable for part manufacturing, and use in spray up, hand lay-up, resin transfer molding, and vacuum infusion applications.

**NOVOC® 8124** will outperform most conventional polyesters based on physical properties, solids yield, and process speed. The resin has good wet-out characteristics and requires no extraordinary handling or processing procedures to achieve outstanding physical properties with no VOC's.

We recommend that each user evaluate the performance of the **NOVOC® 8124** under conditions that simulate production procedures as nearly as possible to determine suitability for each application. For additional technical information or questions, contact your sales representative.

### Physical properties: (Reinforced - See below)

#### Tensile

Test Type .....	ASTM D638
Mean Tensile Strength (psi) .....	~19,810
Mean Tensile Modulus (psi) .....	~1,468,413

#### Flexural

Test Type .....	ASTM D790
Mean Flexural Strength (psi) .....	~31,682.7
Mean Flexural Modulus (psi) .....	~1,309,069

#### Compression

Test Type .....	ASTM D695
Mean Flexural Strength (psi) .....	~25,371
Mean Flexural Modulus (psi) .....	~566,000

#### Impact

Test Type .....	ASTM D265
Izod Impact Strength (ft.lb.) .....	~25,371

**Elongation, %**..... ~2.20

**Water Absorption**..... 1.3

**Glass Transition Temperature**..... ~231°F

Physical properties testing was performed using clear resin panels, with 35% chopped strand mat fiberglass reinforcement.

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