



NOVOC® 4916

NOVOC® 4916 is a high solids, zero HAPS, vinyl ester developed to help customers meet air quality emission standards. The resin system generates less than 1% VOC's.

NOVOC® 4916 is a marine grade resin, engineered for Filament winding pultrusion, Infusion and laminate tool construction. Glass transition temperature of the **NOVOC® 4916** exceeds 300°F, making it an ideal candidate wherever high performance is a necessity.

NOVOC® 4916 will outperform conventional polyesters and vinyl esters based on physical properties and high solids yield. The resin has excellent wet-out characteristics and requires no extraordinary handling or processing procedures to achieve outstanding physical properties with low VOC's.

Physical properties:

NEAT RESIN

Tensile

Test Type	ASTM D638
Mean Tensile Strength (psi)	10,000
Mean Tensile Modulus (psi).....	550,000

Flexural

Test Type	ASTM D790
Mean Flexural Strength (psi).....	17,000
Mean Flexural Modulus (psi).....	540,000

Compression

Test Type	ASTM D695
Mean Compressive Strength (psi)	27,000
Mean Compressive Modulus (psi)	465,000

Impact

Test Type	ASTM D265
Izod ImpactStrength (ft.lb.).....	16.93

Elongation, % 3.5

Water Absorption..... 0.30

Glass Transition Temperature <300°F

Physical properties testing was performed on clear resin neat resin panels.

Andara, LLC ask that each user evaluate the performance of the **NOVOC® 4916** 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.

920-803-1700

3687 Enterprise Dr.
Sheboygan, WI 53083

www.novoc.com