

NOVOC® 4982-36H Vinyl Ester Resin for CIPP

NOVOC® 4982-36H is a high solids, zero HAP's, vinyl ester resin system developed to help CIPP contractors meet stringent environmental standards. The resin system has no VOCs or HAPs and is completely styrene free.

NOVOC® 4982-36H offers the following performance characteristics:

36+ hours in bag stability @ 70F	Wet out the day before without concern
40+ days in bag stability @ 0F	Bags can be frozen for over a month
No VOCs, HAPs or styrene	Low odor, no hazardous leachate and minimal
•	environmental impact
	Non-Hazardous (not flammable) for transport
	and storage
Single liquid non-red label peroxide	No -pre-wetting or handling of low temp
	peroxides
Lower shrink than styrene-based systems	No need for slow ramp-up or ramp down in
	temperature for faster cure cycles
Over 20 years of no VOC experience	Contractors can depend on a user-friendly
	system that has been proven to perform.
More than one thousand miles installed	Same reliable polymer with improved curing
	system

The glass transition temperature of the **NOVOC® 4982-36H** exceeds 300°F, making it an ideal candidate wherever high performance is a necessity.

NOVOC® 4982-36H 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.

Andara, LLC ask that each user evaluate the performance of the **NOVOC® 4982-36H** 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

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www.novoc.com

Liquid Properties Viscosity	3,500
Thix Index	2 15 minutes
Physical Properties (6mm felt)	
Tensile Test Type	45TM D638
Test Type	
Flexural	
Test Type Mean Flexural Strength (psi) Mean Flexural Modulus (psi)	14,000
Physical properties:	NEAT RESIN
Tensile Test Type Mean Tensile Strength (psi)	ASTM D638
Mean Tensile Modulus (psi)	550,000
Flexural Test Type	ASTM D790
Mean Flexural Strength (psi) Mean Flexural Modulus (psi)	
Compression Test Type	Δ STM D605
Mean Compressive Strength (psi)	27,000
Mean Compressive Modulus (psi)	465,000
Impact Test Type	ACTM DOGE
Izod Impact Strength (ft.lb.)	ASTM D265
Elongation, %	

