



NOVOC[®] 4040

NOVOC[®] 4040 is a general purpose, high solids no HAP's, impact modified polyester/vinyl ester resin developed by NOVOC Performance Resins to help customers comply with air quality emission standards. The resin system generates less than 1% VOC's.

NOVOC[®] 4040 displays good cold weather impact properties. The resin is suitable for use in open mold applications, hand lay-up, pultrusion, and filament winding.

NOVOC[®] 4040 will outperform conventional polyesters and vinyl esters based on physical properties, solids yield, and process speed. The resin has excellent wet-out characteristics and requires no extraordinary handling or processing procedures to achieve outstanding physical properties.

Andara LLC recommends that each user evaluate the performance of the NOVOC Resins 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.

Typical Mechanical Properties:

Tensile

Test Type	ASTM D638
Mean Tensile Strength (psi)	23,000
Mean Tensile Modulus (psi)	1,200,000

Flexural

Test Type	ASTM D790
Mean Flexural Strength (psi)	33,000
Mean Flexural Modulus (psi)	675,000

Compression

Test Type	ASTM D695
Mean Compressive Strength (psi)	23,000
Mean Compressive Modulus (psi)	500,000

Impact

Test Type	ASTM D265
Izod Impact Strength (ft.lb.)	16.6

Elongation, % 6.2

Water Absorption 0.39

Glass Transition Temperature.....230°F

Physical properties testing conducted on clear resin panels,30% chop strand mat glass reinforcement.

920-803-1700

3687 Enterprise Dr.
Sheboygan, WI 53083

www.novoc.com