

Product Bulletin MFV-105

VE Infusion Resin

Michigan Fiberglass Sales, Inc.
St. Clair Shores, MI 48080
586-77702032 Fax: 586-777-0350

Description:

MFV-105 is developed for Infusion in Marine, Aerospace, and automotive applications. This System Provides excellent resistance to acids, alkalies, bleaches and organic solvents. This system Tolerates heavy design loads. Higher elongation provides FRP equipment with increased toughness.

Material Handling Properties:

Mix Ratio _____	100R/1Hpbw
Viscosity, cps at 77 deg. F _____	350
Specific gravity _____	(1.035)
Work time @ 25C/77F _____	35 minutes
Demold Time _____	2 Hours
Shelf Life (unopened @ 77F) _____	1 year

Typical room-temperature properties of clear castings made with MFV-105

Property	
Tensile Strength, psi _____	11-12,000
Tensile Modulus, inits 10 to 5 th psi _____	4.9
Elongation, % _____	7-8
Flexural Strength, psi _____	16-18,000
Flexural Modulus, units 10 to 5 th _____	4.5
Compressive Strength, psi _____	16-17,000
Compressive Modulus, units 10 to 5 th _____	3.5
Compressive Deformation at Yield, % _____	6.8-7.8
Specific Gravity _____	1.12
Heat Distortion Temp., F _____	230-240
Barcol Hardness _____	35

Strength retention at elevated temperatures available upon request

Important notice: Since the use of this product is beyond the control of the seller, the buyer assumes all risks of the use or handling, whether in accordance with the directions or not, as seller makes no warranty, expressed or implied concerning this product.