



The MAS "Infusion" Systems are formulated for high performance composite construction. Filament winding, wet pregnation, RTM and pultrusion manufacturing processes will all benefit from the easy handling, high strength and exceptional toughness of the InfuCure Systems.

Ambient System:

MIX RATIO

100 parts INFURES Resin

30 parts INFUCURE Hardener (utilizing MAS Fast as an accelerator)

Note: This hardener is a 2 component system (making a 3 component system).

Small parts requiring under .75 gallons of mix should pre-accelerate the Infusion Hardener up to 50% with MAS Fast. This hardener mix is then used at the specified 100 parts resin to 30 parts hardener (mix).

The larger the part and as the infusion times increase will require a decrease in accelerator down to a minimal mix of only 10% MAS Fast/Infusion Hardener blend.

MIXED VISCOSITY	150-200cps
GEL TIME (Ambient temp.)	150g mix 220 minutes unaccelerated
THIN FILM SET (Ambient)	9 hours
Tg (Point Inflection Method)	180° F
FLEXURAL STRENGTH, psi	24,000
TENSILE MODULUS, psi	350,000
TENSILE STRENGTH, psi	10,200
TENSILE ELONGATION %	7.2

INFU-RES and INFU CURE are specialty blend products with a 3:1 mix ratio, rather than the regular MAS 2: 1 Mix ratio. It is sold in 4, 15, 30 and 45 gallons of INFU-RES, and matching 1.75, 5, 10, 15 gallons of INFU-CURE.