

## 7121: Superior Strength & Versatility

Best known for its critical bonding applications, Arjay's Vinyl Ester has become a multi-purpose leader



Arjay Technology's Vinyl Ester is specially formulated with Bisphenol-A based epoxy vinyl ester resin for superior physical properties when compared to polyester resins. This has made it the ideal choice for many marine applications where the bonds are structurally critical.

### Performance Benefits

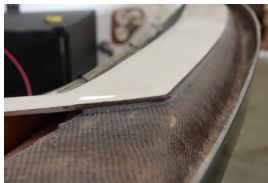
- Easy to mix, apply, and use
- Superior strength great for critical bonds
- Our most versatile compound
- Fire Retardant Solutions Available



Bonding stringer assembly to prepped hull



Preparing stringers for liner/deck



7121 used to bond deck to hull

### ProTips & Other Resources at ArjayTech.com

- ProTip: Versatile Vinyl Ester (PDF) Discover 7121's many uses!
- 7121 TDS (PDF) Available for download any time on our website

#### TECHNICAL DATA SHEET

# 7121 Vinyl Ester

## BONDING COMPOUND

#### RECOMMENDED FOR

Stringers to Hull	Strake Filling
Liner to Hull	Bulkhead Bonding & Filletting
Hull to Deck Joint	Tabbing in Fittings
High Vibration Areas	Mold Flange Repair
Radius Compound	Mold Structure Attachment

#### WORKING PROPERTIES

Gel Time	Reaction Time	Fixture Time	Peak Exo
35 min	30 min	65 min	285° F

#### TYPICAL PHYSICAL PROPERTIES @75°F (24°C)

Color	Tan
Odor	Styrene
Texture	Smooth
Weight	9.8 lbs/gallon
Shelf Life	4-5 months

#### VISCOSITY

RPM	μ Min	μ Max
2	960,000	1,250,000
20	100,000	195,000

#### TYPICAL CURED PROPERTIES @75°F (24°C)

Test	Average	Deviation
Tensile Elongation, %	8.9	0.14
Tensile Strength, PSI	9,150	99.4
Flexural Strength, PSI	16,000	606
Flexural Modulus, PSI	877,000	38,100
Compressive Strength, PSI	2,200	213
Lap Shear, PSI	1,420	34.3
Heat Deflection, °F	165	5.0
Linear Shrinkage, %	< 1	

#### PACKAGING & AVAILABILITY



Pails  
5 Gal./19 L

ITEM# 7121