

A Brushable Radius with Premium Resins

Higher viscosity and physical strength, with the same time saving blister and impact resistance



Arjay formulates its 5121 Brushable Radius Compound with premium vinyl ester resins, resulting in high physical strength, excellent blister resistance and HDT > 200 °F. It is formulated especially for filling behind the gel coat of tight radii and bonding glass to glass joints. In addition, Arjay's 5121 Brushable Radius Compound has excellent crack resistance, reduces finish work and helps provide better overall cosmetics.

Performance Benefits

- Formulated with premium vinyl ester resins
- Low exotherm and shrinkage for better finishes
- Reduces air voids in larger components
- Maintains resiliency to resist cracks
- High impact resistance
- Low styrene content

ProTips & Other Resources at ArjayTech.com

- ProTip: Cake Bag 101: Can You Save Money with a Bag? (PDF)
- ProTip: Building Your Boat with Radius Compound (PDF)
- ProTip: Maximizing Labor Savings(PDF)
- 2121 TDS (PDF) Available for download any time on our website
- 5121 TDS (PDF) Available for download any time on our website

TECHNICAL DATA SHEET

5121 Radius

VINYL ESTER BONDING COMPOUND

RECOMMENDED FOR

Filleting Radii	Filling Transitioning Style lines
Bonding FRP Parts	Filling Strakes
Bonding on Vertical Surfaces	Larger Components
General Bonding	

WORKING PROPERTIES

Gel Time Reaction Time Fixture Time Peak Exotherm

40-60 min 18-35 min 58-95 min 240-320° F

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

Color	Neutral
Odor	Styrene
Texture	Smooth
Weight	10.5-11.5 lbs/gallon
Shelf Life	6 months

VISCOSITY

RPM	μ Min	μ Max
2	620,000	960,000
20	60,000	100,000

TYPICAL CURED PROPERTIES @75°F (24°C)

Test	Average
Tensile Elongation, %	1.5-2.5
Tensile Strength, PSI	4050-4400
Flexural Strength, PSI	4600-4850
Compressive Strength, PSI	3000-3350
Lap Shear, PSI	2400-2800
Heat Deflection, °F	205-220
Linear Shrinkage	<1%
Shore D Hardness	65-85

PACKAGING & AVAILABILITY

Pails
5 Gal./19 L



ITEM# 2121