

BETTER PART COSMETICS IN LESS TIME

Lightweight LamLight cures fast and stays cool for better hatch and small part cosmetics and reduced labor costs



4901 LamLight Fast Cure Compound is formulated with premium polyester resins and advanced fillers. It can be used as the primary laminating resin in two part compression applications for producing small parts. The controlled exotherm and fast curing results in rapid part turnover and premium cosmetic finishes which are superior to parts made with other materials and processes.

Performance Benefits

- Formulated with premium resins
- Controlled exotherm and shrinkage
- Low Styrene content
- Very low air entrapment
- Excellent durability
- Can be poured, infused, or spayed

4901 In Squish Mold Applications



WET OUT FEMALE HALF
Using 1.5% clear or disappearing red MEKP



APPLY 60% OF LAMLIGHT
over one or two continuous strand glass mats.



ADD CORE & GLASS
press core, add more glass and remainder of 4901

ProTips & Other Resources at ArjayTech.com

- ProTip: Tips for Squish Molds (PDF)
- ProTip: Troubleshooting 2-Part Molds (PDF)
- 4701 TDS (PDF) Available for download any time on our website

TECHNICAL DATA SHEET

4901 LAMLIGHT FAST CURE
POLYESTER BONDING COMPOUND

RECOMMENDED FOR

Compression Molding	Small FRP Parts
Rapid Mold Turnover	Casting Complex Geometries

WORKING PROPERTIES

Gel Time	Reaction Time	Fixture Time	Peak Exo
30-42 min	15-25 min	49-67 min	240-310° F

TYPICAL PHYSICAL PROPERTIES @77°F (24°C)

Color	White
Odor	Styrene
Texture	Smooth
Weight	7.0-7.4 lbs/gallon
Shelf Life	4-6 months

VISCOSITY

RPM	μ Min	μ Max
2	2,100	4,800

TYPICAL CURED PROPERTIES @77°F (24°C)

Test	Average Range
Tensile Elongation, %	1.00-3.00
Tensile Strength, PSI	1,480 - 1,640
Compressive Strength, PSI	2,950 - 3,250
Lap Shear, PSI	1,200 - 1,420 K
Heat Deflection, °F	145-165
Linear Shrinkage, %	< 1
Shore D Hardness	65-80

PACKAGING & AVAILABILITY



Pails
5 Gal./19 L
ITEM# 6011



Drums
55 Gal./ 189 L
ITEM# 6011HV