

6011: Strength Where You Need It Most

Today's transoms hold more weight and power than ever before, so failure is not an option



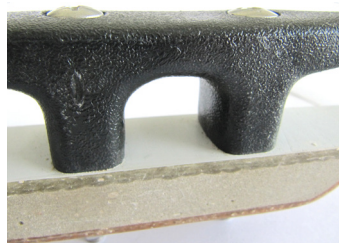
Arjay Technology's Ceramic Pourable Compound (CPC) is great for building or repairing boat hull transoms, where its extremely high compressive and tensile strengths make for a strong finish. It's great for filling most large volumes where superior strength and rigidity are major concerns.

Performance Benefits

- Excellent rigidity and strength
- Formulated with premium resins
- Low exotherm
- Mixes and pours easily from a 5-gallon pail
- 6011 HV is pumpable
- Excellent stability



Using foam in aft hull to prevent 6011 from escaping during transom pour



6011 HV can be used as a backup for through bolting marine hardware

ProTips & Other Resources at ArjayTech.com

- ProTip: How Low is Low Exotherm? (PDF) 6011 in mass casting.
- ProTip: Creative Uses for Ceramic Pourable (PDF)
- 6011 TDS (PDF) Available for download any time on our website

TECHNICAL DATA SHEET

6011 CERAMIC POURABLE POLYESTER BONDING COMPOUND

RECOMMENDED FOR

Transoms/Transom Repair	Filling Large Volumes
Securing Marine Hardware	Radii
Coring Small Parts	Engine Mounting Bed
Two Part Mold Backup	Repairing Dry Rot

WORKING & TIMES (In Minutes)

Gel Time	Interval	Total	Peak Exo
18-24	30-75	48-99	140-180° F

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

Color	Gray
Odor	Styrene
Texture	Grainy
Weight	7.1-7.5 lbs/gallon
Stability	4-6 months

VISCOSITY

RPM	μ Min	μ Max
2	50,000	72,000
20	12,000	21,000

TYPICAL CURED PROPERTIES @77°F (24°C)

Test	Average
Tensile Elongation, %	8-10
Tensile Strength, PSI	1.4 - 4.2 K
Flexural Strength, PSI	30 -34 K
Flexural Modulus, PSI	1.11E+06
Compressive Strength, PSI	3.8 - 4.2 K
Lap Shear, PSI	1.2 - 1.5 K
Heat Deflection, °F	160
Linear Shrinkage, %	0.5 - 1
Shore D Hardness	70-80

PACKAGING & AVAILABILITY



Pails
5 Gal./19 L
ITEM# 6011



Drums
55 Gal./ 189 L
ITEM# 6011HV

Storage & Handling

STORAGE

To ensure maximum stability and maintain optimum properties, bonding compounds should be stored in the original closed container at temperatures below 24 C/75 F and away from heat ignition sources and sunlight. The product must be warmed up to 18 C/ 65 F prior to use so that timely curing and optimum processing can be maintained.

All storage space and containers should conform to local fire and building codes. The bonding compounds should be stored separately and away from oxidizing materials, peroxides and metal salts. Keep containers closed when not in use. Employ best practices of using first-in, first-out stock rotation.

SHELF LIFE

Shelf life is 3 months from date of shipment. Minimum shelf life performance implies the life of the product in the original, unopened container. For additional information on storage and handling, please contact your sales representative or authorized distributor.

STANDARD PACKAGING

Standard product packages include 55-gallon metal drums and 5 gallon plastic pails.

SAFETY

Read and understand the material safety data sheet before working with the product. Obtain a copy of the material safety data sheet on this product from the Arjay website, or contact your sales representative or authorized distributors.

The bonding compounds contain volatile components that are highly flammable and should be handled with care and used in well ventilated area. The product must be stored in a cool place away from source of heat, open flames or sparks. Keep containers closed when not in use. Prevent contact with skin and eyes. In case of skin contact, wash with soap and water. In case of eye contact flush with water for 15 minutes and seek immediate medical care.

DISPENSING EQUIPMENT

The pumpable versions of the bonding compounds are supplied in drums, to be dispensed with internal metered mix equipment. Most commonly used dispensing equipment is supplied by Magnum Venus Products (www.mvpind.com). GS Manufacturing (www.gsmfg.com) and Glass-Craft (www.glascraft.com) also offer similar dispensing systems.

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California Proposition 65 Warning: This product contains the following chemicals known to the State of California to cause cancer: Styrene Oxide, Aniline. Styrene, in the presence of air and high temperature or the prolonged exposure to a styrene/air mixture to sunlight can react to form styrene oxide.