



Description GTP *KastWood* is a two component, lightweight, rapid setting urethane-molding compound. When fully cured, GTP *KastWood* attains properties similar to light weight wood or foam. Carving, sanding and machining can easily be done. GTP *KastWood*'s lightweight makes it ideal for molding non-absorbing parts for flotation.

Application Mold surfaces should be clean and free of dust and moisture. An even coat of silicone mold release (Ease Release 2251) is applied taking care to avoid puddling or drips. Porous surfaces (plaster and wood) must be completely sealed using sand and sealer Johnson's Paste Wax.

GTP *KastWood* is a rapid setting, two-component molding compound having unusually low density and requires special preparation before using. Component A and component B typically must be premixed prior to combining for final mixing.

Proper mixing can be made using a spatula or Jiffy mixer. Mixing of the lightweight filler and liquid resin should be done by carefully scraping the sides and bottom of the container to attain an even mixture. Component A and B should be used immediately to avoid separation or moisture contamination.

Measure out equal portions by volume of component A and component B. Mix with spatula or jiffy mixer (for larger batches). Pour mixed resin into prepared mold. Allow curing 30 to 45 minutes before demolding. GTP *KastWood* is fully cured in 24 hours.

Typical Properties	Viscosity	Specific Gravity	Weight Per Gallon
Component A	1500 cps	0.57	4.74 lb.
Component B	2500 cps	0.49	4.07 lb.
Mixed	2000 cps	0.53	4.40 lb.
Mixing Ratio	By volume		1 part A to 1 part B
	By weight		100 parts A to 86 parts B
Work life			3-5 minutes @ 72° F
Demold time			1 hr. thin walled parts, 10-20 min. thicker cross section
			Set time and Demold depend on temperature and relative humidity

Physical Properties	Test Method	Value
Hardness	ASTM 2240	55 Shore D
Tensile strength	N/A	3000
Elongation	N/A	1 %
Density		0.602
Weight/cubic inch		0.0217 lb. (9.87 gram)
Shrinkage (thicker cross section may be more)		0.25 %
Color		White

Shelf Life GTP *KastWood* is shipped from the factory in sealed containers. The containers should be stored in a cool, dry area that is protected from direct sunlight and moisture. Storage temperatures should not exceed 80° F. The shelf life of factory sealed containers stored under these conditions is six months. Containers that have been opened should be resealed immediately after material has been removed in order to prevent solvent evaporation.

Packaging GTP *KastWood* is available in convenient 2-quart, 2-gallon, 8-gallon and 96-gallon kits. GTP *KastWood* has a non-hazardous rating for shipping