



GTP ButterOn 20 Urethane Elastomer

Description GTP *ButterOn 20* is a two -component urethane elastomer that is specifically formulated as a brush on molding compound. After mixing, GTP *ButterOn 20* thickens to creamy butterable gel that can easily be brushed on to vertical or overhead surfaces without sagging or running. In 24-hours GTP *ButterOn 20* cures to a tough rubber mold and is ready for use.

Application GTP *ButterOn 20* is fully cured in 24 hours at 72° F. Colder curing temperatures will lengthen cure times. Warmer temperatures will greatly reduce working and cure times. For clean -up use methyl ethyl ketone (M.E.K.), acetone or mineral sprits.

Mix Ratio Component A and component B are supplied in 1 to 5 gallon containers. Component B should be thoroughly mixed before using. Component A does not need mixing. Carefully measure out equal portions of component A and component B by volume in separate containers. Mix small batches by hand with a spatula. Larger batches should be mixed using a “Jiffy mixer” and electric drill. While mixing material carefully scrape down sides and bottom of container. Mixture gradually thickens over 3 to 4 minute period to a creamy butterable consistency.

GTP *ButterOn 20* is mixed 1 part of component A to 1 part of component B by volume, and has working life of 15 to 20 minutes @ 72° F. Warmer temperatures will decrease working life where as colder temperatures will increase working life. GTP *ButterOn 20* can also be mixed by weight: 100 parts A to 96 parts B.

Typical Properties

	Viscosity	Specific Gravity	Weight Per Gallon
Component A	2500 cps	1.11	9.24 lb.
Component B	1100 cps	1.06	8.86 lb.
Mixed	500,000 cps	1.09	9.05 lb.
Mixing Ratio	By volume By weight		1 part A to 1 part B 100 parts A to 96 parts B
Work life			20 minutes @ 72° F
Set time			24 hours @ 72° F

Set time and Demold depend on temperature and relative humidity

Physical Properties

	Test Method	Value
Hardness	ASTM 2240-85	25 Shore A
Tensile strength	ASTM-D412	428 psi
Elongation	ASTM-D412	538 %
Modulus (100%)	ASTM D412	136 psi
Modulus (200%)	ASTM D412	209 psi
Modulus (300%)	ASTM D412	267 psi
Tear strength	ASTM-624	94 lb./in.
Cubic inch per lb. of product		25.52
Color		Purple

Shelf Life

GTP *ButterOn* 20 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 *ButterOn* 20 is available in convenient 2-quart, 2-gallon, 10-gallon, 60-gallon and 100-gallon kits. GTP *ButterOn* 20 has a non-hazardous rating for shipping.