



GTP Urethane Elastomer 30

Description GTP Elastomer 30 is a versatile, two component liquid castable polyurethane elastomer. GTP Elastomer 30 combines high strength and elongation with excellent chemical resistance to create durable flexible molds or parts that have low residual surface tack. GTP Elastomer 30 is insensitive to typical environmental moisture, has low viscosity, high strength and low durometer. Some features include good grease and oil resistance, good flow into fine detail, good dimensional stability and good adhesion between pours. It is tough, with high tear strength and is insensitive to inhibition.

Typical Properties	Viscosity	Specific Gravity	Weight Per Gallon
Component A	2700 cps	1.09	9.13 lb.
Component B	1200 cps	1.05	8.78 lb.
Mixed	2000 cps	1.07	8.95 lb.
Mixing Ratio	By volume By weight		95 parts A to 100 parts B 1 part A to 1 part B
Work life			30 minutes @ 72° F
Cure time			24 hours @ 72° F
	Set time and Demold depend on temperature and relative humidity		

Physical Properties	Test Method	Value
Hardness	ASTM 2240-85	30 Shore A
Tensile strength	ASTM D-412	621 psi
Elongation	ASTM D-412	786 %
Modulus (100 %)	ASTM D-412	110 psi
Modulus (200 %)	ASTM D-412	181 psi
Modulus (300 %)	ASTM D-412	266 psi
Tear strength	ASTM D-624	144 lb./in.
Cubic inch per lb. of product		25.81
Color		Green

Shelf Life GTP Elastomer 30 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 Elastomer 30 is available in convenient 2-quart, 2-gallon, 10-gallon, 60-gallon and 100-gallon kits. GTP Elastomer 30 has a non-hazardous rating for shipping.