



GTP Urethane Elastomer 20

Description

GTP Elastomer 20 is a versatile, two component liquid castable polyurethane elastomer. GTP Elastomer 20 combines high strength Shore A hardness and low residual surface tack. GTP Elastomer 20 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	2000 cps	1.09	9.15 lb.
Component B	1000 cps	1.05	8.78 lb.
Mixed	1500 cps	1.07	8.96 lb.
Mixing Ratio	By volume	96 parts A to 100 parts B	
	By weight	1 part A to 1 part	
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	20 Shore A
Tensile strength	ASTM D-412	549 psi
Elongation	ASTM D-412	847 %
Modulus (100 %)	ASTM D-412	96 psi
Modulus (200 %)	ASTM D-412	173 psi
Modulus (300 %)	ASTM D-412	239 psi
Tear strength	ASTM D-624	125 lb./in.
Cubic inch per lb. of product		25.78
Color		Pink

Shelf Life

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