



GTP 70 D-3 White Rigid Urethane

DESCRIPTION

GTP 70 D 3 is a white color Shore D70 polyurethane roto-casting system. Advantages of this system are low viscosity, easy and fast processing (1:1 weight ratio, long gel and quick de-mold), as well as good physical properties. This formula is a polyether polyol / MDI based extended system. It can easily be pigmented as well as filled with most types of plastic or glass microspheres. The recommended processing includes: rotomolding, injection molding, open pour. This system is molded into any major type of molds; RTV silicone, metal,

STORAGE AND MIXING

Both A and B-components are very stable mixtures. However we suggest re-mixing the B-component at least once a week. Recommended storage temperature is 70-105°F. Store containers tightly closed since this material is moisture sensitive. If properly stored, the shelf life is 6 months.

Working Properties

MIX RATIO

By Weight	1 : 1
Viscosity	A: 80 cps B: 120 cps
Gel Time	3 minutes

Physical Properties

Hardness (D-2240)	D 75 ±2
Flexural Strength (D-790)	4800 psi
Flexural Modulus (D-790)	160,000 psi
Tensile Strength (D-638)	5000 psi
Ultimate Elongation (D-638)	10 %