



Technical Data Sheet

GTP-80D4 Tan Castable Urethane

DESCRIPTION

GTP 80 D-4 is a light tan color Shore D75-80 polyurethane castable system. Advantages of this system are low viscosity, easy and fast processing (1:1 mix ratio, long gel and quick demold), as well as good physical properties. It can easily be pigmented as well as filled with most types of mineral fillers and plastic or glass microspheres. The recommended processing includes: rotomolding, injection molding, open pour.

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 65-85°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 Volume	1:1
By Weight	1:1
Viscosity	A: 200 cps B: 300 cps
Gel Time	4 minutes
Demold Time	30 minutes

*Demold time depends on mass and temperature.

Physical Properties

Density	75-80
Flexural Strength (D-790)	2,700 psi
Flexural Modulus (D-790)	150,000 psi
Tensile Strength (D-638)	2,700 psi
Ultimate Elongation (D-638)	20 %