

Technical Data Sheet

GENERAL DESCRIPTION

Casting Resin with 60 Shore A Hardness

GSP 6040 is a two-part polyurethane casting system. Once cured, it exhibits excellent tensile strength, tear strength, and elongation. When the two parts, A and B, are mixed, the system is easily pourable. **GSP 6040** provides a good balance between ease-of-use and ultimate physical properties.

Features are:

- Easily mixed and poured
- Resists foaming
- Provides excellent hydrolytic stability

COMPONENT PROPERTIES

Property	GSP 6040 Part A	GSP 6040 Part B
Shelf Life	6 months	6 months
Density (lb/gal)	10.2	
Viscosity (cps)	~200	~3900
Color	Amber	Black

HANDLING PROPERTIES

Property	GSP 6040
Mix Ratio by Weight	25 A : 100 B
Pot Life	~30 minutes
Viscosity, mixed (cps)	~1900
Gel Time	~2 hours
Cure Time	1 hour at 150° F or 24 hours at room temperature

PHYSICAL PROPERTIES

Property	GSP 6040
Hardness	60 Shore A
Color	Black

INSTRUCTIONS FOR USE

TO MIX BY HAND: Proportion out components according to parts by weight or volume ratio into a non-reactive container (polyethylene, polypropylene, or metal de-rimmed can). Container should be about five times larger than the volume of the mixed material. Mix components very thoroughly, preferably with a metal spatula, scraping the sides and bottom of container to incorporate all material.

CURING INSTRUCTIONS

Mix Ratio by Weight:

Mix 25 parts by weight of **GSP 6040 Part A** with 100 parts by weight of **GSP 6040 Part B**.

READ AND UNDERSTAND MATERIAL SAFETY DATA SHEET (MSDS) PRIOR TO USING THIS PRODUCT.

Notice to User:

The following is made in lieu of all warranties, expressed or implied. Seller's and manufacturer's only obligation shall be to replace such quantity of product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, user shall determine the suitability of the product for his intended use, and user assumes all risks and liability whatsoever in connection therewith. The foregoing may not be altered except by an agreement signed by officers/owners of G.S. Polymers, Inc.

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