PRODUCT BULLETIN

August 2018

STYPOL®

040-6069, 040-6096
Swing Resins

DESCRIPTION

STYPOL® 040-6069 and 040-6096 are a pre-promoted, unsaturated polyesters containing styrene monomer. They are especially designed as swing resins that can be used for both cultured marble and onyx casting applications.

STYPOL® 040-6069 and 040-6096 have exhibited versatility in helping meet the thermal shock test requirements on finished parts. (See Property and Performance Standard ANSI Z124.3 as issued by the International Cast Polymer Association.)

NOTE: Many factors other than resin influence the outcome of the ANSI Z124.3C Thermal Shock Test. Manufacturers should verify the performance of parts made using their specific processing conditions.

BENEFITS & FEATURES

- Low cured color
- Low exotherm
- Resistant to warping and cracking
- Moderate demold times

PROPERTIES – LIQUID

Property[1]	Unit	040-6069	040-6096
NVM	%	68	-
Viscosity[2]	cps	1,900	1,900
Gel Time[3]	minutes	19	20.5
Gel to Peak	minutes	14.25	14.25
Peak Exotherm	°C/°F	149/300	149/300
Styrene Content	%	30	-

1) All properties at 25°C/77°F unless otherwise noted
2) Brookfield Viscometer LVF Spindle #3 at 12 RPM
3) 100 g mass catalyzed with 1% United Initiators Norox® MEKP-925

APPLICATION

Refer to Polynt's Composites Applications Guide ("Cookbook") for equipment, application and repair recommendations. Each user must determine the suitability of this product to his/her particular mode of operation and intended end-use application. A Polynt representative will be available to assist in the proper selection of all Polynt-Reichhold products available for commercial use.

SHELF LIFE & STORAGE

The shelf life of STYPOL® 040-6069 and 040-6096 is 120 days from the date of manufacture from Polynt. To maximize usage life and maintain optimum properties, resins and gel coats should be stored in the original closed container at temperatures below 23°C/73°F and away from ignition sources and sunlight. Keep containers sealed to prevent moisture pick-up and monomer loss.

SAFETY & WARRANTY

To receive a copy of our safety and warranty information, please email safetyandwarranty@polynt.com.