PRODUCT BULLETIN

June 2020

STYPOL® 040-7126

Low Pressure SMC Resin

DESCRIPTION

STYPOL® 040-7126 is a urethane thickenable, flexible, isophthalic thermosetting resin containing styrene monomer. This resin is designed to be used in conjunction with STYPOL® 040-7263 to prepare SMC.

BENEFITS & FEATURES

- Excellent physical properties
- Excellent hydrolytic properties
- Low water absorption
- Excellent fatigue properties
- Good surface appearance

PROPERTIES – LIQUID

Property(1)	Unit	040-7126
NVM	%	76
Viscosity(2)	cps	725
SPI Gel Time 150°F to 190°F(3)	minutes	9.5
SPI Time to Peak	minutes	13
SPI Peak Exotherm	°C/°F	157/315
Acid Value	-	4 (Max.)
Gardner Color	-	4 (Max.)
Water Content	%	0.1 (Max.)
Thickening(4) - One Day	cps	6,500,000

1) All properties at 25°C/77°F unless otherwise noted
2) Brookfield Viscometer LVF Spindle #2 at 30 RPM
3) 180°F SPI, 1% BPO-98
4) 77% by weight STYPOL® 040-7126, 23% by weight STYPOL® 040-7263

APPLICATION

Refer to Polynt's Composites Applications Guide ("Cookbook") for equipment and application 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.

RELATED PRODUCTS

STYPOL® 040-7263 – Modified, Acrylic Resin, Urethane Thickening Agent

SHELF LIFE & STORAGE

The shelf life of STYPOL® 040-7126 is 180 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.