PRODUCT BULLETIN

October 2018

POLYLITE 32115-07

Polyester Cultured Marble / Onyx Resins

DESCRIPTION

POLYLITE® 32115-07 is a moderately-resilient, low-reactivity, medium-viscosity, orthophthalic casting resin. This resin was designed for fabricating both cultured marble and cultured onyx, and is versatile enough to make small castings as well as vanities.

POLYLITE® 32115-07 resin is pre-promoted to cure at room temperature upon adding MEKP 900 methyl ethyl ketone peroxide or a combination of MEKP 900 and AZOX 2,4-pentanedione.

Cultured marble or onyx vanities made with POLYLITE® 32115-07 will meet or exceed ICPA* and ANSI† thermal shock standards when properly mixed, catalyzed, cured, and gel coated.

**International Cast Polymer Association, Arlington, VA*
†American National Standards Institute, New York, NY

BENEFITS & FEATURES

- Batch-to-batch consistency and uniformity from production utilizing Statistical Process Control (S.P.C) & Statistical Quality Control (S.Q.C) techniques
- Specially promoted for rapid gel and cure rates, excellent onyx color, and control of gel and cure drift
- High filler acceptance due to medium viscosity
- High solids content results in excellent filler suspension
- Excellent thermal shock resistance with moderate resilience
- Minimized warping due to low shrinkage

PROPERTIES – LIQUID

Property(1)	Unit	32115-07
Appearance	-	Light Pink
NVM	%	69
Viscosity	cps	1,000(2)
Gel Time	minutes	6.0(4)
Gel to Peak	minutes	12.5
Peak Exotherm	°C/°F	152/305
Specific Gravity	-	1.11
Flash Point (Seta Closed Cup)	°C/°F	32/89

1) All properties at 25°C/77°F unless otherwise noted
2) Brookfield LVF Spindle #3 at 60 RPM
3) Brookfield RVF Spindle #2 at 20 RPM
4) Blend of 75% by weight of MEKP 900 and 25% by weight of AZOX; Use 1.0% by volume of the MEKP 900 and AZOX blend per 100 g resin

PRODUCT BULLETIN

October 2018

VERSION

POLYLITE® 32115-07	Typical gel time: 5-7 minutes

APPLICATION

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 POLYLITE® 32115-07 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.