PRODUCT BULLETIN

March 2018

POLYLITE® 32168-20

Isophthalic Resin

DESCRIPTION

POLYLITE® 32168-20 is a rigid casting resin with medium reactivity. This isophthalic resin contains Neopentyl glycol. POLYLITE® 32168-20 is acrylic modified and un-promoted. POLYLITE® 32168-20 was developed to produce non-gel coated solid surface. It is designed to cure at room temperature with the addition of promoters and methyl ethyl ketone peroxide.

Benefits & Features

- Batch-to-batch consistency and uniformity from production utilizing Statistical Process Control (S.P.C) & Statistical Quality Control (S.Q.C) techniques
- Continuous exposure to water causes only slight bleaching, stain resistance, high heat distortion temperature and superior thermal shock performance due to isophthalic resin with Neopentyl glycol
- Decreases filler settling due to medium viscosity
- Cured with addition of promoters and MEKP since it comes un-promoted
- Resistance to weathering due to acrylic modification

PROPERTIES – LIQUID

Property(1)	Unit	32168-20
NVM	%	66.5
Viscosity(2)	cps	1,900
Gel Time(3)	minutes	11
Total Time to Peak	minutes	21
Peak Exotherm	°C/°F	177/350
Specific Gravity	-	1.075
Flash Point (Seta Closed Cup)	°C/°F	32/89

1) All properties at 25°C/77°F unless otherwise noted
2) Brookfield Viscometer LV Spindle #3 at 30 RPM
3) 1.0 g customer supplied promoter/100 g resin + 1.0 g Cadox M50a

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® 32168-20 resins 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.