PRODUCT BULLETIN

April 2021

POLYLITE® 33150-00

Polyester Laminating Resin

DESCRIPTION

The POLYLITE® 33150-00 has been developed for laminating applications that require the addition of specific carbonate, hydrate, or sulfate-type fillers. POLYLITE® 33150-00 is a low viscosity, low profile thixotropic resin that is pre-promoted for room temperature gel and cure upon the addition of methyl ethyl ketone peroxide (MEKP).

BENEFITS & FEATURES

- Batch-to-batch consistency and uniformity from production utilizing Statistical Process Control (S.P.C) & Statistical Quality Control (S.Q.C) techniques
- Lowers VOC emissions and conforms with SQAQMD Rule 1162 and California Rule 50 due to styrene suppressant
- Thixotropic properties give resistance to sagging on vertical surfaces and resistance to drainage from reinforcements
- Minimizes voids and/or resin-starved areas, easily to maintain resin-to-glass ratio, and improves turnover and fabrication time due to rapid wet-out of reinforcements
- Accepts certain fillers at levels up to 50% due to low viscosity
- Verification of initiator delivery visible due to color change upon addition of the initiator
- Versatile and suitable for spray-up or hand lay-up processes

PROPERTIES – LIQUID

Property[1]	Unit	33150-00
Appearance	-	Blue/Brown-Opaque
NVM	%	62.5
Viscosity, Filled[2]	cps	850
Thix Index, Filled	-	3.7
Gel Time, Filled[3]	minutes	21
Gel to Peak, Filled	minutes	15
Peak Exotherm, Filled	°C/°F	110/230
Specific Gravity	g/cm^3	1.07
Styrene Emissions	g/m^2	60
Flash Point (Seta Closed Cup)	°C/°F	32/89

1) All properties at 25°C/77°F unless otherwise noted
2) Brookfield Viscometer RV Spindle #3 at 20 RPM
3) 1.25 cc MEKP-900 per 100 g filled mix; Filler: 45% SB336 ATH

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.

SHELF LIFE & STORAGE

The shelf life of POLYLITE® 33150-00 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.