PRODUCT BULLETIN

May 2025

POLYLITE® 31701 Series

Low Shrink Additive

DESCRIPTION

POLYLITE® 31701 Series are solutions of polystyrene (PS) in styrene. POLYLITE® 31701-30 and 31701-35 are typically combined with other SMC, BMC, and wet-molding resins to produce parts with low shrinkage, good gloss and good pigmentabiltiy.

PROPERTIES – LIQUID

Property[1]	Unit	31701-30	31701-35
Appearance	-	Clear – Light Yellow	Clear – Light Yellow
NVM	%	30.0	35.0
Viscosity	cps	1,400[2]	3,500[3]
Specific Gravity	g/cm^3	0.95	0.96

1) All properties at 25°C/77°F unless otherwise noted
2) Brookfield Viscometer RV Spindle #3 at 20 RPM
3) Brookfield Viscometer LVT Spindle #2 at 6 RPM

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 products available for commercial use.

SHELF LIFE & STORAGE

The shelf life of POLYLITE® 31701-30 and 31701-35 is 6 months 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.