PRODUCT BULLETIN

September 2025

POLYNT A 6141 TAJ34

Low Styrene, Pre-promoted, Thixotropic Laminating Resin

DESCRIPTION

Polynt A 6141 TAJ34 is a pre-promoted, thixotropic laminating resin. This product is a low styrene, low profile, unsaturated polyester resin. It provides a highly rigid resin, which results in smoother part surfaces and less fiber print-through and distortion.

Polynt A 6141 TAJ34 is designed for general hand lay-up or spray-up applications.

BENEFITS & FEATURES

- Low HAP content
- Low odor and low emissions
- Superior glass wet-out
- Low exotherm
- Low shrinkage
- Resistance to fiberglass pattern print-through
- Fast Barcol development
- Easy rollout and excellent laminate mechanical properties

PROPERTIES – LIQUID

Property[1]	Unit	6141 TAJ34
Viscosity[2]	cps	600
Thix Index[3]	-	4.1
Gel Time[4]	minutes	34
Gel to Peak	minutes	12.5
Peak Exotherm	°C/°F	179/355
Styrene Content	%	40 (Max.)

1) All properties at 25°C/77°F unless otherwise noted
2) Brookfield Viscometer LV Spindle #3 at 60 RPM
3) Brookfield Viscometer LV Spindle #3 at 6/60 RPM
4) 1.0% Arkema Luperox® DDM-9

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 Polynt A 6141 TAJ34 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.