PRODUCT BULLETIN

April 2018

136-7977

Unsaturated Polyester RTM Resin

DESCRIPTION

136-7977 is a low viscosity, non-thixotropic, moderately reactive, general purpose unsaturated polyester resin intended for room temperature cure with MEKP catalyst. Suggested applications include RTM and infusion applications.

BENEFITS & FEATURES

- Low viscosity
- Low cured color
- Rapid mold filling, filler loading and cycling

PROPERTIES – LIQUID

Property[1]	Unit	136-7977
NVM	%	56
Viscosity[2]	cps	165
Gel Time[3]	minutes	23.0
Gel to Peak	minutes	9.0
Peak Exotherm	°C/°F	188/370
Weight per Gallon	lbs/gal	9.07

1) All properties at 25°C/77°F unless otherwise noted
2) Brookfield Viscometer RVT Spindle #2 at 50 RPM
3) 1.0% DDM-9

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 136-7977 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.