PRODUCT BULLETIN

June 2018

718-4884 Series

Polyester Resin

DESCRIPTION

718-4884 Series resins are light-colored, promoted, general purpose, unsaturated polyester marble resins that can be used as swing resins for both marble and onyx. Suggested applications include marble and onyx sinks, flat stock, and splashes.

BENEFITS & FEATURES

- Light finished color
- Reduced cracking
- Low part shrink
- Swing resin

PROPERTIES – LIQUID

Property[1]	Unit	718-4884-08	718-4884-12
Appearance	-	Light Blue	Light Blue
NVM	%	70	71
Viscosity[2]	cps	1,700	1,700
Gel Time[3]	minutes	8.9	12.0
Gel to Peak	minutes	12	18.0
Peak Exotherm	°C/°F	160/320	149/300

1) All properties at 25°C/77°F unless otherwise noted
2) Brookfield Viscometer RVT Spindle #3 at 20 RPM
3) 1.0% Cadox M50a

PROPERTIES – PHYSICAL

Property[1]	Unit	0.125" Casting, MEKP-925	Test Method
Tensile Strength	psi	9,000	ASTM D 638
Tensile Modulus	psi	565,000	ASTM D 638
Tensile Elongation	%	2.0	ASTM D 638
Flexure Strength	psi	17,000	ASTM D 790
Flexure Modulus	psi	525,000	ASTM D 790
Heat Deflection Temperature	°C/°F	68/155	ASTM D 648
Hardness, Barcol Model 934-1	HB	45	ASTM D 2583

1) Physical properties were determined using internal Polynt test methods that are similar to those listed above.

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 718-4884 Series resins 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.