PRODUCT BULLETIN

June 2018

718-6824 Series

Unsaturated Polyester Marble Resin

DESCRIPTION

718-6824 Series resins are pre-promoted, low color, cultured marble resins. Suggested applications include marble sinks, flat stock, and bathtubs.

BENEFITS & FEATURES

- Medium viscosity
- Low color
- Fast filler wet-out
- Good trim time

PROPERTIES – LIQUID

Property[1]	Unit	718-6824	718-6824-22
Appearance	-	Light Pink	Light Pink
NVM	%	68	68
Viscosity[2]	cps	1,100	1,100
Gel Time[3]	minutes	16	22
Gel to Peak	minutes	32.5	32.5
Peak Exotherm	°C/°F	132/270	132/270
Weight per Gallon	lbs/gal	9.4	9.4

1) All properties at 25°C/77°F unless otherwise noted
2) Brookfield Viscometer RVF Spindle #4 at 20 RPM
3) 1.0% DDM-9

PROPERTIES – PHYSICAL

Property[1]	Unit	0.125" Casting, DDM-9	Test Method
Tensile Strength	psi	10,000	ASTM D 638
Tensile Modulus	psi	621,000	ASTM D 638
Tensile Elongation	%	1.90	ASTM D 638
Flexure Strength	psi	15,000	ASTM D 790
Flexure Modulus	psi	625,000	ASTM D 790
Heat Deflection Temperature	°C/°F	72/161	ASTM D 648
Hardness, Barcol Model 934-1	HB	46	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 718-6824 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.