PRODUCT BULLETIN

December 2023

POLYLITE® 32374-00

Non Blushing Auto Body Putty Resin

DESCRIPTION

POLYLITE® 32374-00 is specifically formulated for the premium auto body putty compounder. Putties compounded with POLYLITE® 32374-00 exhibit outstanding stain resistance for use with base coat, and clear coat paint systems. When properly utilized, putties containing POLYLITE® 32374-00 will exhibit minimal blushing and yellowing caused by weathering. POLYLITE® 32374-00 has a high degree of flexibility for better adhesion and impact resistance. POLYLITE® 32374-00 is a flexible, low reactivity, low viscosity, pre-promoted polyester resin for use as a body patching compound.

BENEFITS & FEATURES

- Batch-to-batch consistency and uniformity from production utilizing Statistical Process Control (S.P.C) & Statistical Quality Control (S.Q.C) techniques
- Special promotion results in good sand-ability and exceptional storage stability of repackaged products
- Unique formulation minimizes or eliminates blushing or staining of top coat
- Improved adhesion to clean, dry metal surfaces due to special processing
- Workable over a wide range of temperatures due to high elongation

PROPERTIES – LIQUID

Property(1)	**Unit**	**32374-00**
Liquid Color	-	Brown-Red
NVM	%	64.5
Viscosity(2)	cps	450
Gel Time(3)	minutes	5
Total Time to Peak	minutes	13
Peak Exotherm	°C/°F	118/245
Specific Gravity	g/cm^3	1.12

1) All properties at 25°C/77°F unless otherwise noted
2) Brookfield Viscometer LVT Spindle #3 at 50 RPM
3) 2.0% by weight BPO paste per 100 g resin

PROPERTIES – PHYSICAL

Property[1]	Unit	Neat Resin Casting	Test Method
Tensile Strength	psi	8,000	ASTM D 638
Tensile Modulus	psi	470,000	ASTM D 638
Tensile Elongation	%	2.9	ASTM D 638
Flexure Strength	psi	160,000	ASTM D 790
Flexure Modulus	psi	515,000	ASTM D 790
Compression Strength	psi	8,000	ASTM D 695
Compression Modulus	psi	69,000	ASTM D 695
Heat Deflection Temperature	°C/°F	51/124	ASTM D 648
Hardness, Barcol Model 934-1	HB	25	ASTM D 2583
Water Absorption - 2 hours at 212°F - 24 hours at 73°F	 % gain % gain	 2.0043 0.4078	ASTM D 570
Notched Izod Impact -Type "E" -Type "A"	 ft-lb/in ft-lb/in	 2.64 0.49	ASTM D 256

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

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® 32374-00 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.