



## PZ-J 539LGN - Green

### Product Type and Description

Precisioned PZ-J 539LGN Green is a uniquely formulated premium jewelry injection pattern wax suitable for general patterns and specifically for the production of highly detailed patterns requiring superior strength and flexibility for more delicate filigree designs. This wax offers an exceptional balance of characteristics with the appropriate level of ductility for easy removal from the mold without damaging the pattern. 539LGN Green provides excellent injection, good flow, low shrinkage, exceptional surface finish and reproduction of fine detail with improved levels of opacity. 539LGN Green offers a very high level of consistency with extremely low ash residue. 539LGN Green is also recommended for stone in place casting.



- Designed to greatly improve on brittle failures and extend shelf life.

All manufactured product undergoes stringent Quality Control testing to ensure the highest level of quality. As well, a Certificate of Analysis is provided for all material produced.

### Physical Properties

Testing Procedure / Method	Typical Properties
Softening Point, Ring and Ball @4°F/min (IPCS 004)	155°F
Drop Melt Point @4°F/min (IPCS 005)	154°F
Congearing Point (IPCS 003)	153°F
Needle Penetration 450 g @77°F (IPCS 006)	32.5 dmm
Apparent Viscosity, Brookfield Thermosel @170°F (IPCS 009)	228 cps
Ash Content (IPCS 002)	0.005%
Color (IPCS 020)	Green

### Recommended Injection Pressure and Temperatures

**Liquid injection 2-8 psi / 155-162F (68-72°C)**

*In order to fully benefit from the properties engineered into our range of jewellery waxes it is best practice to stir your wax pot before the start of each shift. This ensures the melted wax is fully homogenized and ready for use.*

*Periodic draining and cleaning of your wax pot is also highly recommended.*

Precisioned Ltd has determined test method and provided analysis as noted herein. The levels referenced herein are only for general guidance and do not constitute a firm specification. As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local regulations remains the responsibility of the user. All potential liability related to the sale and use of this product is limited to the cost of the particular goods sold in their respective transactions.

