

AQUASPHERE™ PLUS WAX



All-Purpose Jewelry Injection Wax

AquaSphere Plus wax is an all-purpose jewelry injection wax. Its unique formula makes it ideal for a wide range of designs, while offering an excellent balance of characteristics.

AquaSphere Plus wax was designed specifically for the reproduction of thin cross sections. It offers:

- Pliability needed to easily remove it from the mold with no pattern damage
 - Excellent flow
 - Low shrink
 - Exceptional surface finish and reproduction of fine detail
- Improved opacity and a greater degree of toughness than AquaSphere wax
 - Can be used for stone-in-place casting
 - Extremely low ash residue
 - Exceptionally consistent results

AquaSphere Plus wax is sold in pastillated form and is available in blue.

All AquaSphere waxes are manufactured using only the purest synthetic and highest quality natural raw materials available. They undergo stringent quality control testing in a state-of-the-art laboratory to ensure the highest level of quality.

Typical Material Properties*

Softening Point, Ring and Ball @4 °F (-15.6 °C)/min	154.5 °F (68.1 °C)
Drop Melt Point @4 °F (-15.6 °C)/min	156 °F (68.9 °C)
Congealing Point	144 °F (62.2 °C)
Needle Penetration 450 g @77 °F (25.0 °C)	28.3 dmm
Apparent Viscosity, Brookfield Thermosel @170 °F (76.7 °C)	263 cps
Ash Content	0.003%
Color	Blue
Recommended Injection Pressure and Temperatures	8-12 psi / 158-168 °F (70.0-75.6 °C)

*These results are based on the testing methods, frequency and procedures of Ransom & Randolph or its approved suppliers. 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.



RANSOM & RANDOLPH

3535 Briarfield Boulevard | Maumee, OH 43537 USA
800.800.7496 | 419.865.9497 | 419.865.9997 (FAX)
www.ransom-randolph.com



Made in the USA

Issue Date: November 2, 2023

Ransom & Randolph GmbH
Leipziger Straße 40 | 04571 Rötha Germany
+49 342 06373999

Investing with Innovation™