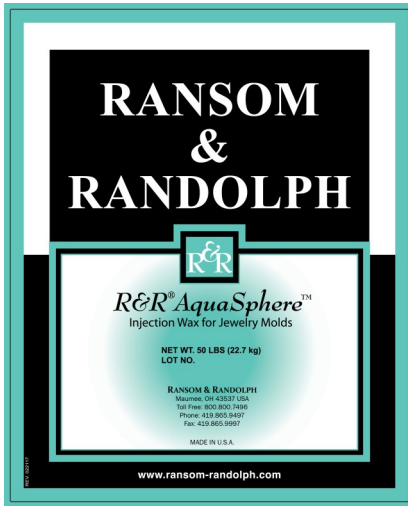


R&R® AquaSphere™ Injection Wax



Tested in production environments, R&R AQUASPHERE injection wax's unique formulation provides casters with versatility, dependability, production efficiency and pattern excellence.

Versatility

R&R AQUASPHERE injection wax works well on fine filigree and thick, heavy pieces; minimizing the number of waxes needed in your operation.

Dependability

R&R AQUASPHERE injection wax is easy to remove from the mold, has low shrink in thick areas and cross-sections and a superior memory for shape; resulting in consistent pattern reproduction.

Production Efficiency

R&R AQUASPHERE injection wax is very fluid, making it excellent for difficult angles or draws; resulting in reduced occurrence of air bubbles and scrapped patterns. R&R AQUASPHERE injection wax's low ash content results in clean burnout.

Pattern Excellence

R&R AQUASPHERE injection wax produces patterns with above average surface smoothness; resulting in extra smooth casting surfaces and superior reproduction of fine detail.

PRODUCT DATA SHEET



RANSOM & RANDOLPH
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www.ransom-randolph.com

Issue Date: 022717 / Replaces: 082316

Investing with Innovation™

R&R[®] AquaSphere[™] Injection Wax

Typical Material Properties*

Ring and Ball Softening Point (ICI 3.0) (4 °F [-16 °C]/minute)	156 ± 6 °F (-14 °C)	
Specific Gravity (ICI 7.0)	0.960	
Ash Content (ICI 1.0)	<0.015%	
Flow Test (ICI 2.0)	>50% at 129 °F (54 °C)	
Viscosity Brookfield Thermosel Spindle #21	at 170 °F (77 °C)	<u>CPS</u> 226 <u>RPM</u> 100
	at 160 °F (71 °C)	275 100
	at 150 °F (66 °C)	326 100
Injection Temperature	155 °F-160 °F (68 °C-71 °C)	
Injection Pressure Required	0.14-0.70 kg/cm ² (2-10 psi)	

*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.

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