

THERMOLURE TECHNICAL BULLETIN info@environmolds.com

STANDARD PROPERTIES

-) Excellent Clarity
-) Outstanding Heat Stability (non-scorching)
-) Durometer (Hardness) Range: Shore 00 28 +/-2
-) Low Odor
-) Low Bubbles
-) Degassed / De-Aired
-) Melting Point 340-350° F (170°-180° C)

APPLICATION METHODS

-) Injection Molding
-) Dip Molding (Tube Baits)
-) Hand-Pouring

SAFETY

-) **ThermoLure** must be heated to 340 degrees F (170° C). Spilling or splashing hot plastisol can cause serious burns.
-) Always wear safety goggles or a facemask to shield against splatters. Wear heat resistant gloves, closed shoes and a long sleeve shirt and pants to protect against burns and splatters.
-) **Work in well ventilated areas.**
-) Never let liquids come in contact with hot **ThermoLure**. Moisture will turn into steam and cause the plastisol to splatter.
-) If **ThermoLure** burns please evacuate the area until all smoke and fumes have dissipated.

PREPARATION

-) **ThermoLure** is a milky white liquid that when heated turns into a clear syrupy type consistency.
-) Mixing is very important. We recommend using a paddle type mixer and mixing for 3-4 minutes before every use. **Be sure to scrape and mix the bottom of the container thoroughly.** Improper or unmixed **ThermoLure** will result in baits that are slimy and sticky.
-) We do not recommend shaking the **ThermoLure** or mixing vigorously as it will cause air bubbles during heating and create an unsatisfactory casting.



HEATING

-) **Microwave Heating {Pyrex Cup}.**
-) Fill the Pyrex cup up about half its capacity. Normally 4-6 ounces
-) Heat for 1-minute in the microwave and then gently stir.
-) Heat an additional 30-seconds and gently stir again. Repeat the heating and stirring process until **ThermoLure** becomes clear and is in a syrup consistency.
-) Once the **ThermoLure** is clear you can now add glitter, coloring, salt, and any scents to your heated plastic.
-) **Bubbles:** The best way to prevent bubbles is by gentle stirring. Shaking or mixing at high speeds creates air bubbles. **TIP** – Heat **ThermoLure** so that it gets into hot melt stage. Let cool for about
-) 5-minutes and then reheat back into melt stage. The majority of time this will eliminate any bubbles.

STORING

-) **ThermoLure** should be stored in a controlled environment and from 50-90 degrees.
-) It is important to keep unused **ThermoLure** sealed in between uses. If moisture contaminates the **ThermoLure** it will cause bubbles.
-) **ThermoLure** should be mixed thoroughly before every use. **ThermoLure** that has set for a period of time will need additional mixing time before use.

AVAILABLE ADDITIVES

-) Heat stabilizers
-) Hardeners
-) Softeners

FOR MORE INFORMATION, PLEASE CONTACT:

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