Methods

Determining EPS Foam Densities

- For covering EPS foam, we used a template that was cut in sections and weighed to determine the foam density.
- For shippers, we used a template that was cut in sections and weighed to determine the foam density.

Measurements of the Various Temperature Experiments

- We monitored the temperature of the specimens throughout the experiments to determine the effectiveness of the various insulators.
- The experiments were performed at different ambient temperatures to simulate real-world conditions.

Results

Observation 1: Freezing, some of the shippers were observed to become warm in the temperature experiments. This indicates the effectiveness of the shippers in maintaining low temperatures for the specimens.

Observation 2: The performance of the shippers was evaluated based on the temperature changes observed during the experiments.

Observation 3: The results of the experiments showed that some of the shippers were more effective in maintaining low temperatures than others.

Conclusions

- The experiments have shown that there are several alternatives to traditional methods of specimen transport, such as dry ice.
- Dry ice is not always the most effective method for specimen transport, and there are other options that can be considered.
- The results of the experiments highlight the importance of selecting the right method for specimen transport based on the specific needs of the study.