

SPE Student Design Competition

The Society of Plastics Engineers SPE Rotational Molding Division is conducting a Student Design Competition to promote interest and innovation in rotationally molded products. The division is offering winners **FREE** registration and hotel to attend TopCon 2025 (Location is still TBD)!

2025 Submission Deadlines:

Enrollment: December 31st, 2024

Final Project Submission: March 7th, 2025

Send projects to: Heather.Fennell@shell.com

Instructions for Submission. The Final Project must include the following:

Title Page:

- **Name of product**
- **Student Applicant Name(s) – Max Two Students Per Group -**
- **College or University**
- **Date**

Report:

- **Introduction** – *Product description and details*
- **Rotational Molding Application** – *Explain why rotational molding is the preferred process for this product*
- **Design Details** – *Describe the critical design parameters for this product and material. Explain your “Design for Manufacturability” such as draft, shrinkage, venting etc.. Explain how the product could be rotationally molded robustly.*
- **Design Drawings** – *Standard view drawings and isometric pictures.*
- **Mold Design** – *Describe the specific tooling to be used and why.*
- **Manufacturing Details** – *Explain how the specific attributes of rotational molding will be used to manufacture the product. Explain any technical risks associated with the manufacturing of the product.*



Winners will be invited to present their part design at the 2025 TopCon – Rotational Molding: Solving Complex Problems with Sustainable Solutions in Minneapolis, MN!