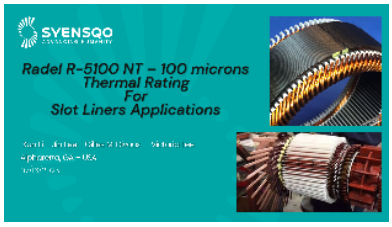
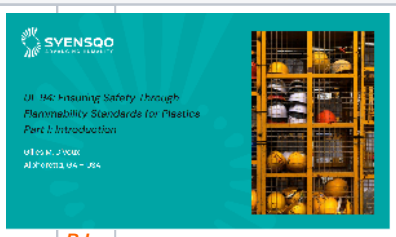
# Fire Smoke & UL

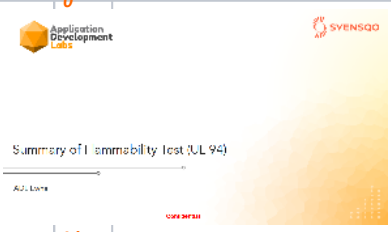
| APPLICATIONS / COMPLETED PROJECTS | UL CERTIFICATION | CAPABILITIES |
|---|---|---|




***B Long Ter***

***Radel R-5100***




***Liners Applications***

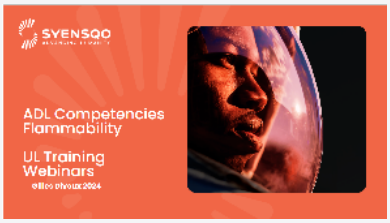
| Syensqo Laboratories | Equipment |
|---|---|
| **USA**<br>PCL Core Labs - Alpharetta<br>Contact Information:<br>• PCL: Colter Smith (Internal testing)<br>• ADL: Gilles Divoux (UL certification)<br>***Syensqo UL Certified Materials*** | Netzsch UL 94 Cabinet<br> |
| **APAC - ADL**<br>(Shanghai, China)<br>***Syensqo UL Files*** | |
| ***Summary of Flammability Test (UL 94) Ewha - Korea*** | |
| **APAC - ADL**<br>(Ewha - Korea) | |
| EMEA ( Bolate Lab) | |
| EMEA (Tavaux Lab) | |

| UL 94 & UL 746 TESTS FOR FLAMMABILITY - SHORT DESCRIPTION | |
|---|---|
| **UL 94 Part 7** | UL 94 - Horizontal Burning Test **HB** |
| **UL 94 Part 8** | UL 94 - 50W (20mm) Vertical Burning Test **V0 / V1 / V2** |
| **UL 94 Part 9** | UL 94 - 500W (125mm) Vertical Burning Test **5VA / 5VB** |
| UL 746A Part 32 | UL 746A - Hot Wire Ignition **HWI** |
| UL 746A Part 33 | UL 746A - High-Current Arc Ignition **HAI** |
| UL 746A Part 35 | UL 746A - Glow-Wire Ignition Temperature **GWIT** and Flammability Index **GWIF** |
| | |
| | |
| | |

***Yellow Card Request (New Yellow card or Yellow Card Update***

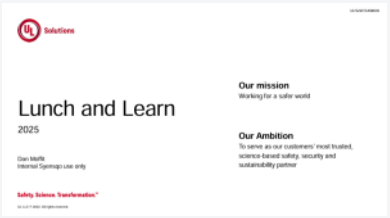
ADL-GlobalRequestSystemLibraryQuickStartGuide

**Underwriters Laboratories Training Presentations**




***UL Training Webinars:***

- *Understanding the Advantages of Plastics Preselection Testing*
- *Critical Plastics Performance at Elevated Temperatures*
- *Polymer Variations - My Formulation Needs to Change, Now What?*
- *Plastics Materials for Use in Automotive Applications*




***05/08/2025 Lunch & Learn: UL Customer Presentation***

# ***Useful Links:*** **(Links to Outside Webpages)**

| | |
|---|---|
| **blocked URL** | **Find a product certification (Current Yellow Cards)**<br>**Locate certifications to confirm product compliance with applicable standards.** |
| blocked URL | **Find a sustainable product certification (not available)**<br>Identify eco-friendly products that meet sustainability criteria. |
| | |