



## CELL CARRIERS

### BENEFITS OF THERMOPLASTIC-BASED SOLUTIONS

- Adhesive compatibility
- Thermal barrier
- Dimensional stability
- Thin-wall parts

### APPLICATION REQUIREMENTS

- Flexibility and impact
- Flame resistance
- Adhesive compatibility

### MATERIAL REQUIREMENTS

- High flow
- Good impact
- Dimension stability
- V0 FR at 1.5 mm or lower

POTENTIAL MATERIALS	NOTES
CYCOLOY™ FR C6600 (PC/ABS) resin	V0 @ 1.5 mm ; enhanced chemical resistance vs LEXAN™ FR resins
CYCOLOY™ FR C6330 resin	V0 @ 1.0 mm; UV transparency
CYCOLOY™ FR C2950 resin	Extrusion & stamping / thermoforming
LEXAN™ FR 9925A (PC) resin	V0 @ 1.5 mm
LEXAN™ FR 3412ECR resin	High stiffness
LEXAN™ FR 925 resin	V0 @ 1.0 mm

This application solution has been developed and verified under SABIC's BLUEHERO™ initiative—an expanding ecosystem of materials, solutions and expertise designed to help accelerate the shift to electrification. Through BLUEHERO, SABIC offers a global team of specialists with expertise in the design, development and testing of material solutions for EV battery systems and related EV components.

