

# Spectar™ UV Copolyester

Copolyester  
Eastman Chemical Company

Message:

Eastman Spectar UV™ copolyester (PETG) extrudes into plastic sheet that is sparkling clear, tough, chemically resistant, odor free, versatile, easy to work with and affordable. Its toughness allows fabricators to use thinner gauge sheet than with other common materials, resulting in lower material costs. Yet it can be extruded into sheets as thick as 12 mm (1/2 in.). It extrudes at a low temperature and will not crystallize or develop a crystalline haze. Cleaning solutions will not turn Eastman Spectar UV™ copolyester white. Eastman Spectar UV™ copolyester is easy to fabricate, allowing greater design freedom. It can be laser cut, routed, welded, drilled, die-punched, bent hot or cold, or joined by screws, rivets, or bolts. It can also be cut on conventional table, band, or radial-arm saws with blades commonly used for plastic. Eastman Spectar UV™ copolyester can be vacuum-formed at lower temperatures than other plastics without predrying the sheet. Eastman Spectar UV™ copolyester can be finished easily. Its edges can be polished by using commercial edge-finishing equipment, sanding, solvents, flame-polishing or buffing. It forms clear, strong bonds with commercially available cements and solvents. It accepts screen-printing, painting, and hot-stamping easily. Surface scratches or scuff marks can be removed using a common heat gun. This product has been GREENGUARD INDOOR AIR QUALITY CERTIFIED®.

GREENGUARD Certification recognizes Eastman for manufacturing products with low chemical and particle emissions for better indoor environments. For more information about GEI and to obtain printable certificates for Eastman™ Copolyesters, visit [www.greenguard.org](http://www.greenguard.org). Choose Eastman Chemical Company under the Manufacturer category and click search to display a list of our products.

This product has been CRADLE TO CRADLE CERTIFIED Silver.

The CRADLE TO CRADLE CERTIFIED Mark is a registered certification mark used under license through McDonough Braungart Design Chemistry (MBDC). MBDC is a global sustainability consulting and product certification firm. The CRADLE TO CRADLE® framework moves beyond the traditional goal of reducing the negative impacts of commerce ('eco-efficiency'), to a new paradigm of increasing its positive impacts ('eco-effectiveness'). At its core, Cradle to Cradle design perceives the safe and productive processes of nature's 'biological metabolism' as a model for developing a 'technical metabolism' flow of industrial materials. Product components can be designed for continuous recovery and reutilization as biological and technical nutrients within these metabolisms. For more information about MBDC and to obtain printable certificates for Eastman Copolyesters, visit [www.mbd.com](http://www.mbd.com). Choose Eastman Chemical Company under Company Name in C2C Certified products to display a list of our products.

General Information	
Additive	UV Stabilizer
Features	Cleanable
	Excellent Printability
	Good Chemical Resistance
	Good Crack Resistance
	Good Toughness
	Good UV Resistance
	High Clarity
	High Impact Resistance
	Low to No Odor
Uses	Decorative Displays
	Lighting Fixtures
	Sheet
Appearance	Clear/Transparent
Forms	Pellets
Processing Method	Thermoforming

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