

Eastman SPECTAR™ FR1000 copolyester

BPA free
 Halogen free *PVC alternative* **ASTM E84 flame retardant**
 Chemical resistance



Applications/uses	Key attributes of Spectar sheet containing FR1000 concentrate
<ul style="list-style-type: none"> • Wall coverings • Corner guards • Handrails • Doorjamb 	<ul style="list-style-type: none"> • Class A flammability rating (ASTM E84) thickness up to 60 mil in sheet form and 80 mil in profiles • Longevity of product life • Chemical resistance • Stain resistance • Compliant with regulations restricting BPA, halogens, and certain heavy metals

Product description

Eastman Spectar™ FR1000 copolyester is a concentrate which can be added to Spectar and other Eastman copolyesters to produce extruded sheet and profiles which meet ASTM E-84 requirements for a Class A flammability rating for interior finish applications. These applications include wall protection panels, corner guards, and handrails typically installed in offices, hospitals, hotels, and schools.

Copolyester sheet containing Eastman Spectar FR1000 concentrate is tough, chemically resistant, odor free, and enables design freedom during fabrication. Its toughness enables the use of thinner gauge sheet than other common materials. It can also be extruded up to 12-mm (½-in.) thick and will not crystallize.

Fabrication ease

Copolyester sheet made with Eastman Spectar FR1000 concentrate can:

- Be laser cut, routed, drilled, or die punched
- Be bent hot or cold
- Be joined with screws, rivets, bolts, or solvent welded
- Be cut with conventional table, band, or radial arm saws with blades commonly used for plastic
- Produce finished edges easily by polishing with commercial edge-finishing equipment, sanding, solvents, flame polishing, or buffing
- Form strong bonds with commercially available cements and solvents
- Easily accept screen printing, painting, and hot stamping

EASTMAN

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