

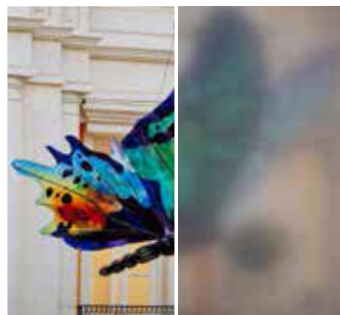
Eastman Spectar Frost™ copolyester offers durable solutions for beautiful designs

Sometimes clear materials just aren't enough to create the high-impact, attention-grabbing visuals needed to communicate brand messages and drive sales. Eastman Spectar Frost™ copolyester offers the solution that inspires designers and enhances the capabilities of formers and fabricators.

Materials to inspire designers, retailers, and brand owners

Colors and graphics are used to catch your eye, and Eastman Spectar Frost™ copolyester offers a new option for designers, retailers, and brand owners who are looking for a different way to build an impactful display. Spectar Frost has a frosty appearance and outstanding durability and toughness, and offers a degree of design freedom not found in other plastics. It's these improved characteristics that enable the creation of lasting visuals, leaving an impression that can withstand the test of time.

Spectar Frost appearance effect



Original

Spectar Frost

Help formers and fabricators expand their capability

Many fabricators choose to print inks on Spectar sheet to obtain the look of frost. Now Spectar Frost sheet is available with this frosted look already applied. Because of its toughness and durability, it allows the construction of sturdy point-of-purchase displays and in-store fixtures. And once you get to know Spectar Frost, you'll be cutting, drilling, and routing with confidence.



Spectar Frost

Acrylic P95

Spectar Frost maintains its texture even on corners and edges of formed pieces.

Eastman Spectar Frost™ copolyester delivers:

- Lasting visual appeal
- Significant reduction in surface light reflection
- Excellent toughness and durability
- Design freedom
- Resistance to scratches and fingerprints

Facts about sheet made from Eastman Spectar Frost™ copolyester:

- Frosted finish is not destroyed during thermoforming or hot bending.
- Hot line bending cycle times can be up to 25% faster than acrylic.
- Deep draw is possible in thermoforming.
- Superior chemical resistance
- No drying requirement prior to thermoforming or hot line bending
- Assembly by a variety of mechanical fastenings or adhesive bonding is possible.
- Can be flame polished
- Can be cut, sawn, routed, and drilled easily with very little risk of chipping when proper techniques are used

Challenge Eastman Spectar Frost™ copolyester in these applications:

- Point-of-purchase displays
- In-store fixtures
- Partitioning or aisle dividers
- End caps
- Wall panels
- Shelving
- Indoor signage
- Thermoformed equipment covers

Materials comparison chart

Criteria	Eastman Spectar Frost™ copolyester	Frosted acrylic (P95)	Comments
Impact strength	Very good	Poor	Spectar Frost is 10 times as tough to break as acrylic P95.
Matte level	Very good	Very good	Low reflection on both tested via 60° gloss
Haze	Very good	Very good	Comparable diffusion
Brightness	Very good	Very good	Comparable brightness
Thermoformability	Very good	Fair	Spectar's superior thermoforming detail is retained.
Cold bending	Very good	Poor	Still possible with Spectar Frost, not possible with any acrylic
Frost retention	Very good	Good	Retains frost even in heat-formed corners or bends
Printability	Very good	Good	Great print clarity in screen and digital print applications without special pretreatment
Durability	Very good	Poor	Spectar Frost is longer lasting with less breakage in shipping, installation, and use.

To learn more about Eastman Spectar Frost™ copolyester, contact your Eastman representative or visit us at www.eastman.com/Spectar.

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