

ACRYLITE® SuPure™ acrylic polymer.

The Total Purity Solution – for Optical Applications

Evonik Cyro knows that achieving maximum purity is something that our customers have long desired. Thus, we are happy to bring you the next generation in acrylic purity – ACRYLITE® SuPure™ acrylic polymer. ACRYLITE SuPure polymer is designed to deliver an end-product of extreme clarity, which to the naked eye and under varying light conditions, results in no visible defects – making it an ideal solution for contamination-free applications.

ACRYLITE SuPure polymer uses a proprietary purification process that ensures a polymer free of dust, fines, and contaminants—consistently delivering exceptional clarity. This proprietary system starts at Evonik Cyro’s manufacturing plant and extends all the way to your facility and processing point, ensuring maximum purity and cleanliness and improving manufacturing productivity. It truly embodies Evonik Cyro’s commitment as a pioneer in the polymer industry.

Better Than Glass

ACRYLITE SuPure polymer is, in essence, the next generation of acrylic polymer. And it’s suited for applications that demand absolute purity. ACRYLITE SuPure polymer offers better clarity and quality of light transmission than glass. Its molding and thermoforming

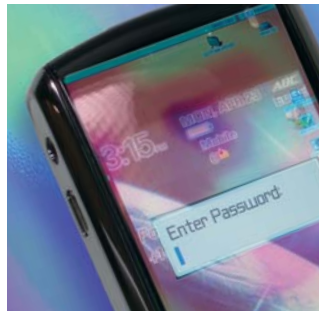
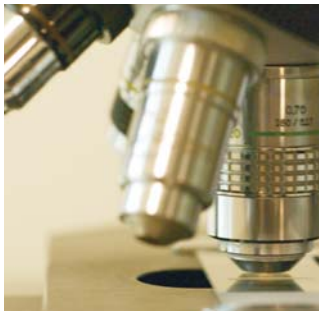
capabilities give you more fabrication options than glass. It is also much safer than glass and offers outstanding impact resistance.

The SuPure Advantage

- Free of dust, fines and contaminants
- Excellent alternative to glass
- Light weight
- Safer to handle than glass
- Flexible assembly (bondable and weldable)
- No visible defects (no black specks, no char, no contamination)
- Fewer process defects
- Reduced labor costs
- No white streaking
- Offers consistent processing leading to:
 - lower rejects
 - higher yields
 - lower plant operating costs
- Increased customer satisfaction

Acrylite® SuPure™
 ACRYLIC POLYMER

Su•Pure \ Sü-’Pure \ adj: The state of being supremely pure. The embodiment of extreme purity.



www.supure.com

ACRYLITE SuPure – Purified Packaging

The ACRYLITE SuPure polymer solution includes a choice of two packaging systems that offer total end-to-end purity. These delivery systems will ensure that you consistently get the highest level of purity. Such a solution will not only ensure a superior product, but also do wonders for your overall manufacturing costs, processes, and performance—from beginning to end.



The EverPure Packaging system is a new concept in total purity control. This proprietary closed-loop packaging system effectively eliminates ambient dirt and airborne contaminants from the manufacturing process, resulting in a dust-free polymer for sparkling crystal clear parts and components. This state-of-the-art technology features an outer woven bag, composed from tough plastic polymer. The bags are unloaded at the customer site utilizing a dust-tight Bulk Bag Discharger from Flexicon Corporation® which incorporates patented features to assure that the SuPure acrylic polymer is delivered directly into the feed system, with no exposure to the plant atmosphere. The discharger helps to maintain product purity, reduce defects, and decrease operating costs.

And even after its usage, the EverPure Packaging system continues to yield benefits. Bulk Bags are easier to dispose of than cardboard cartons and take up much less space. What's more, they're easily recycled, making them environmentally friendly.

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PureGuard is a partially closed-loop system which utilizes a heat-sealed chimney liner in a gaylord box to ensure product purity from our facility to point-of-use, where a wand is typically inserted into the box and fed into the hopper. This system assures the purity of the product from our plant to your facility and yields measurable benefits.

Applications

- **Optical:** Eyewear, cameras, binoculars, telescopes, scientific instruments and testing equipment, mobile phone and PDA lenses
- **Bathware:** Towel and shower rods, grab bars, toilet paper bars
- **Lighting:** Light pipes, lighting covers
- **Retail Displays:** Eyewear, cosmetic point-of-purchase

It's just more pure with SuPure!

To learn more about ACRYLITE SuPure polymers and grade availability, call **800 631-5384** or visit **www.supure.com**. Our Strategic Account Managers can arrange a FREE cost-of-use assessment or product trial at your convenience.

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