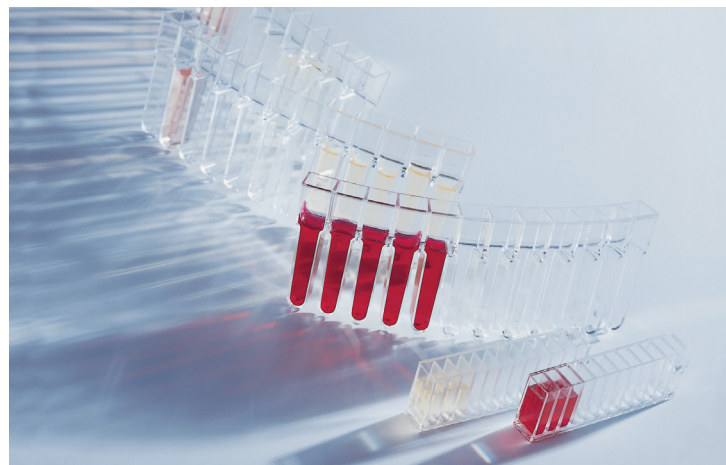


CYROLITE® MD™ acrylic polymers for medical diagnostic applications



Product

CYROLITE® MD™ acrylic polymers offer exceptional ultra-violet light transmittance (UVT) and optical clarity while providing maximum flow characteristics and high dimensional stability. Meeting the stringent performance and regulatory compliance requirements of medical designs, CYROLITE® MD™ polymers are well suited for diagnostic applications, including cuvettes, test packs, rotors, and crystallography trays.

Available in two grades

CYROLITE® L40 MD™ acrylic polymer

CYROLITE® H12 MD™ acrylic polymer

These two grades meet stringent UV light transmission requirements for medical diagnostic applications, they vary in physical and rheological properties. Both grades are suitable for USP Class VI use in containers and accessories, and meet requirements outlined in the FDA's 21CFR177.1010.

Both grades have been found to be non-hemolytic, non-cytotoxic, non-pyrogenic, non-sensitizing, and non-mutagenic when tested following the Tripartite and ISO 10993-1 protocols.

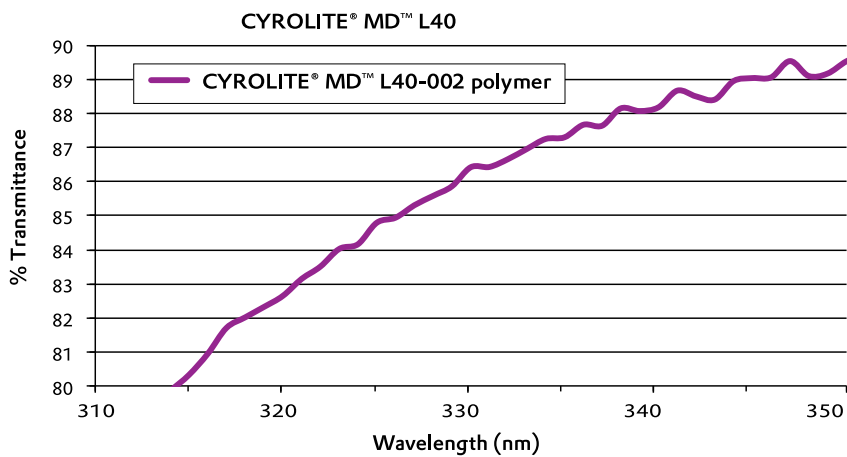
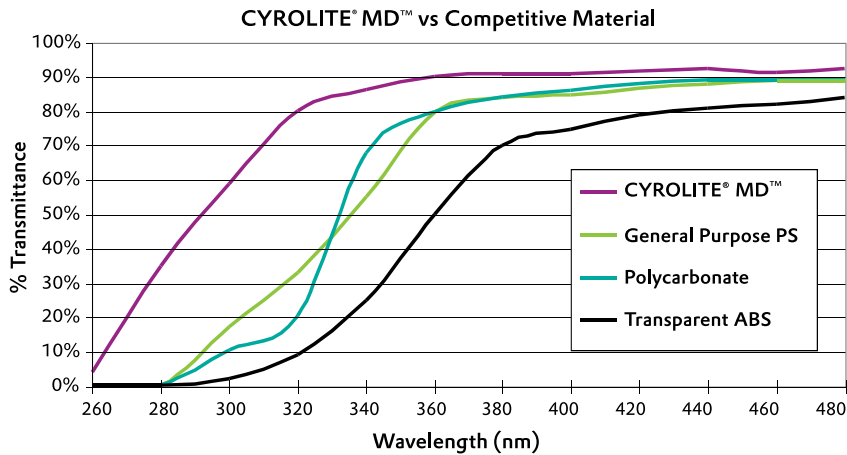
Performance formulations offer:

- Exceptional ultra-violet light transmittance (UVT)
- Excellent optical clarity for maximum visible inspection capabilities
- Maximum flow characteristics for high cavitation tooling and improved production efficiency
- Good dimensional stability for controlled fluid flow
- Regulatory compliance for quality control

Produced to the rigorous standards of production quality control for UV transmittance, CYROLITE® MD™ polymers offer 87.7% light transmittance at 340 nm critical to ensure consistent measurement response. Along with UV transmittance, CYROLITE® MD™ polymers offer excellent transparency and cleanliness for maximum visible inspection capabilities exceeding that of other polymers and standard acrylic.

CYROLITE® MD™ polymers are excellent additions to Evonik's medical acrylics which include the widely used CYROLITE® acrylic-based multipolymer compounds. If you would like more information about our CYROLITE® MD™ and CYROLITE® compounds, please visit our website at www.cyrolite.com.

**CYROLITE® MD™ acrylic polymer
UV Transmittance for Diagnostics**



EVONIK CYRO LLC
Methacrylates
299 Jefferson Road
Parsippany, NJ 07054 USA
Phone +1 800 225-0172
www.cyrolite.com
Technical Support:
visit the TechKnowledge
Center at cyro.custhelp.com

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