

FOR IMMEDIATE RELEASE:

**SILICONE SHINES NEW LIGHT ON OPTICAL APPLICATIONS:
SHIN-ETSU SILICONES' OPTICALLY CLEAR LIMS X-34-1972-3 DELIVERS
SUPERIOR THERMAL RESISTANCE AND CLARITY FOR HIGH
BRIGHTNESS LEDs.**

Akron, OH– September, 2015

As an innovative response to meet the increasing demands (higher heat/brightness characteristics) of cutting-edge LED technologies, Shin-Etsu Silicones of America (SESA: A U.S. subsidiary of Shin-Etsu Chemical Co. Ltd., Japan) has recently introduced its new optically clear LIMS (Liquid Injection Molding System) X-34-1972-3 material.

With a transparency of 95%, the new material is uniquely engineered and ideal for expanding LED applications in street lighting, automotive, and exterior illumination. Notably, its superior high temperature resistance compared to thermoplastic resins allows molded silicone optics to be positioned in close proximity to the LED light source without yellowing or cracking over extended operating life spans.

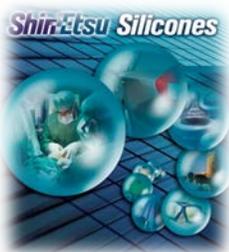
According to SESA's North America Marketing Manager, Eric Bishop, "Next-generation HBLED systems are getting hotter as light output continues to increase. The advanced engineering properties of our X-34-1972-3 material delivers unparalleled heat resistance and clarity at these higher operating temperatures."

Bishop also noted that the material has been tested in-house and at customers with promising results. Additionally, the optically clear LIMS X-34-1972-3 material will be on display during SESA's open-house demonstration at their LIMS™ Technical Center in Akron, Ohio on Monday, October 12th (1:00 pm – 5:00 pm). The informal event will feature the production of 100% silicones magnifying lenses and the opportunity to network with industry suppliers and associates.



PROPERTIES	X-34-1972-3
Viscosity (A/B)	450/450 Pa.s
Hardness	70 A
Tensile Strength	7.5 MPa
Tear Strength	12 kN/m
Refractive Index	1.41
Transparency	95%

For more detailed information, visit the Shin-Etsu Silicones web site at:
www.shinetsusilicones.com



CORPORATE PROFILE:

A U.S. subsidiary of Shin-Etsu Chemical Co. Ltd., Japan, Shin-Etsu Silicones of America Inc. offers vast technical and capital resources to formulate solutions as a major supplier of silicone materials to North America's medical, automotive, electronics, aerospace, cosmetics, and manufacturing industries. Shin-Etsu's premium silicone compounds incorporate leading-edge technology, staff expertise, and value-added service; offering customers the highest levels of quality and consistency in specialty silicone materials.

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