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Pixelligent Technologies Selected by Norland Products to Increase Performance for Optical Adhesives Applications

Pixelligent's Patented PixClear(R) Zirconia Dispersions Enable Innovation Opportunities for Leading Manufacturers

BALTIMORE, MD --(Marketwired - March 07, 2016) - [Pixelligent](#), the leading high-index advanced materials manufacturer, announced today that [Norland Products Inc.](#), a global leader in high-value optical adhesives, has launched a high R.I. Ultraviolet (UV) and visible light curable optical adhesive NOA 170 (R.I. 1.70) using Pixelligent's PixClear-based high R.I. Zirconia nanocrystal technology. Norland Products will leverage this technology to increase performance for its market leading applications.

"This new high R.I. UV and visible light curable optical adhesive enables significant performance improvements while offering design flexibility for our customers to create and manufacture high performance optical components. This product builds on our leadership in high-value adhesives and will have broad applications in numerous markets including military and commercial optics, fiber optics, LEDs, and displays. Since we announced this new high-index UV curable adhesive at Photonics West in February, we have seen significant customer interest," said Tim Norland, general manager of Norland Products.

"Working closely with our customer Norland, we developed a customized solvent-free Zirconia dispersion that delivers the highest refractive index, optical adhesive available in the market today. This collaboration is a perfect example of how Pixelligent's customers can leverage our [PixClearProcess™](#) to deliver the index, transparency, control and flexibility required to provide best-in-class products. As we have proven with Norland, we are working closely with customers across the solid state lighting, display, and optical components markets to deliver next generation products." said Craig Bandes, president and CEO of Pixelligent Technologies.

About Pixelligent Technologies, LLC

Pixelligent Technologies is the leading high-index advanced materials manufacturer that leverages nanomaterials to develop the world's best dispersion technology for next generation products in the solid state lighting and optical coatings and films applications. Pixelligent's PixClear® zirconia dispersions deliver the highest refractive index, transparency and stability and can be easily incorporated into the most commonly used polymers, including silicones, acrylics, and epoxies using industry standard manufacturing processes. For more information on Pixelligent, please visit www.pixelligent.com or follow us on Twitter [@Pixelligent](#).

About Norland Products

Norland Products Inc. is a global leader in high value optical and electronic adhesives for various markets such as Military and Commercial Optics, Fiber Optics, LEDs, LCDs, OLEDs, Lasers, Lithography, Waveguides, Microfabrication, and other Electronic Applications. For more information on Norland Products, please visit www.norlandproducts.com.
