



Company Name	Merck Performance Materials Ltd.
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Exhibitor Introduction (Within 200 words)	<p>1989 Established Merck Ltd. Korea</p> <p>1990 Established Application laboratory of Liquid Crystals</p> <p>2002 Established Merck Advanced Technologies Ltd. in Korea; opened of the R&D and Production Center for Liquid Crystals and Chemical Warehouse and Distribution Center in Poseung</p> <p>2005 Launch of OLED & Organic Materials</p> <p>2010 Advanced Technology Center (ATC) Inauguration</p> <p>2011 Established OLED-Application Development Laboratory (ADL)</p> <p>2014 Integration of AZ Electronic Materials (AZ)</p> <p>2015 Merck Advanced Technologies Ltd. changed name to Merck Performance Materials Ltd., Opening of OLED Application Center(OAC), Integration of Sigma Aldrich.</p> <p>Merck Performance Materials Ltd. will focus all its capabilities on the core technology of chemical materials for Korea to continue as a long-term technology leader strongly contributing to display industry.</p>

Exhibit Description (Within 200 words)	<p>[Display/Lighting Materials]</p> <ul style="list-style-type: none">- licristal®: Liquid Crystal (LC) brand for commercial LCD mode like TN, VA/PS-VA, IPS/FFS and next-generation display mode- livilux®: A complete new set of electron, hole transport and matrix (host) materials for small molecule-based OLEDs- licrivue®: Reactive Mesogen (RM) mixtures applied to lenses and patterned retarder for 3D displays, broad-band reflective polarizer films and reverse dispersion materials for OLED/AQWF- isiphor®: Improved phosphors for high lighting efficiency, sustaining the Electro-Optical (E-O) property and stability from moisture and heat- Photoresists: high resolution photoresist, half-tone photoresist with high thermal and good adhesion property, FPD photoresist available for all TFT layers, touch panel, LED and OLED
Exhibit Product	Liquid Crystals, Reactive Mesogens, OLED materials, LED phosphors, Photoresist, Siloxnae, Silazane, Quantum Materials, Liquid Crystal Window, OTFT materials