



APEL™ Optical Performance as Lens Application

Advantages of APL5514ML for Image Sensor

Requirements

- <Performance>
- Lower water absorption, Lower dispersion (Abbe No.= 56), good transmittance
- <Quality Control>
- Lower black speck, Lower chips, consistency of quality in the same production lot

Higher Refraction

Higher refractive index (nD= 1.54)

- APEL™ realizes lower profile design for optical applications
- APEL[™] is able to reduce chromatic aberration by minimizing curvature.

Lower Birefringence

APEL™ improves definition by minimizing birefringence around gates due to its' lower stress-optical coefficient as well as dimensional change under harsh conditions.







