Refractive Index and Birefringence Application

Refractive index and birefringence

- APEL[™] has the lowest birefringence and highest refractive index among all cycloolefin based resins. Its optical balance is superior to other resins.

Grade	Refractive Index	Birefringence observed by 'Crossnicole'
APEL™ APL5514ML	1.54	Low
APEL TM APL5014CL ^{New!}	1.54	Low
Another company Grade 1	1.53	High
Another company Grade 2	1.53	High
Another company Grade 3	1.53	High

Refractive index and Abbe's number

- APEL™ has the higher Abbe's number with higher refractive index.

