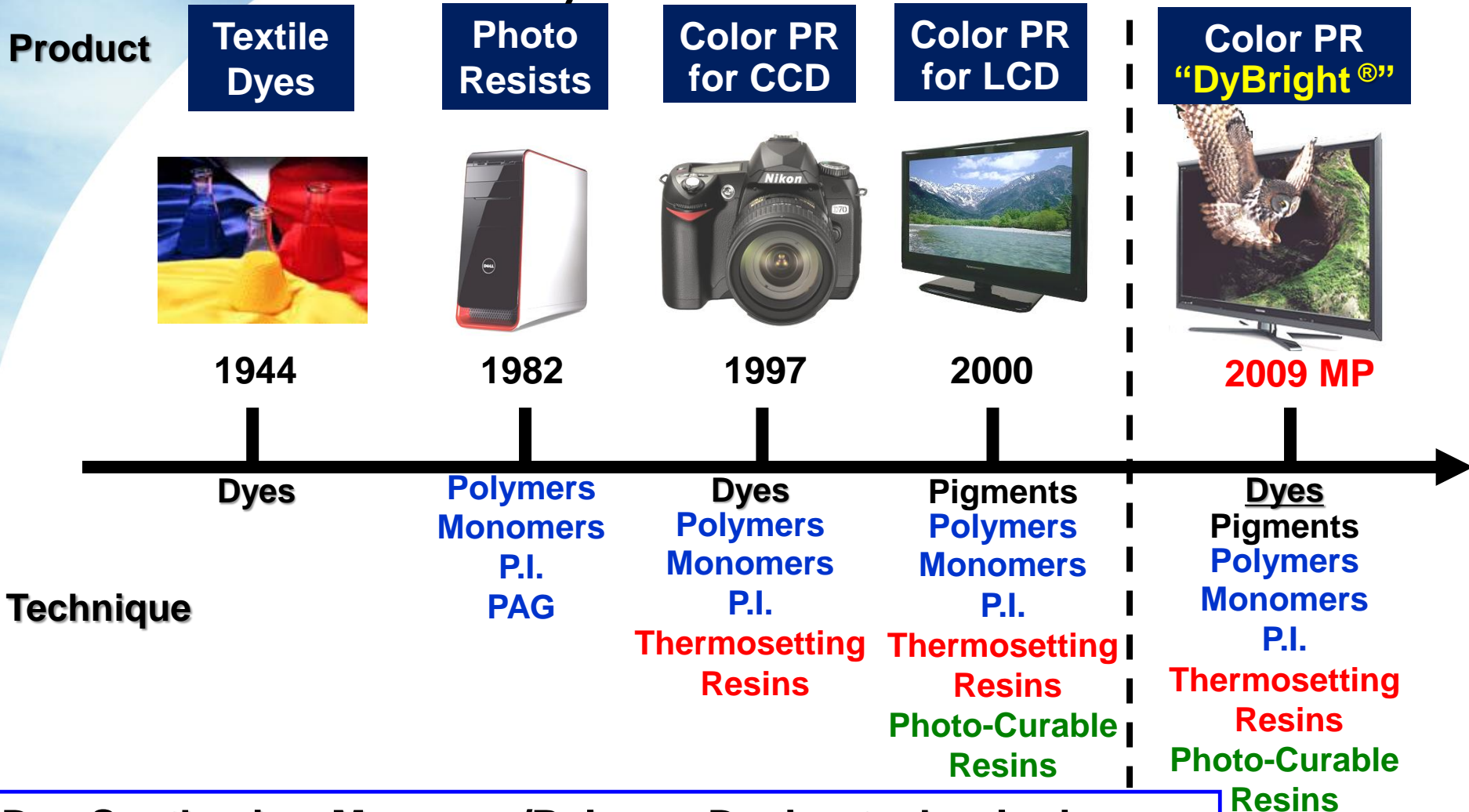


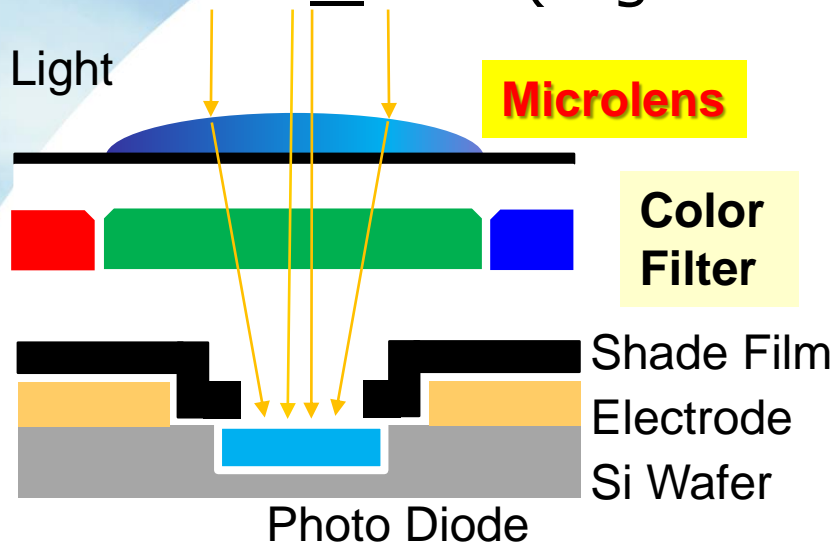
Brief R&D history of Sumitomo Color resist



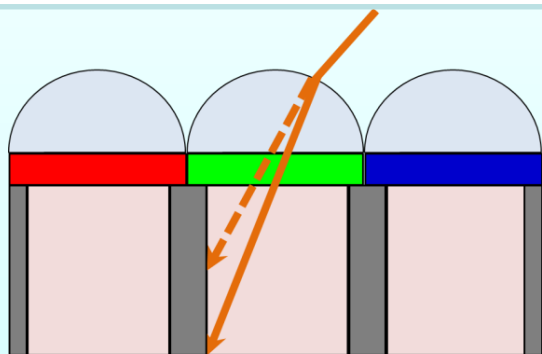
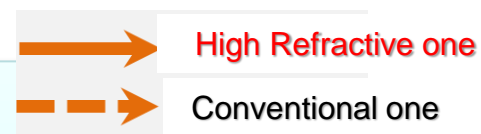
Dye Synthesis x Monomer/Polymer Design technologies
 → **Dye-containing Color photoresist "DyBright®"**

P.I.: Photo-initiator
 PR: Photoresist

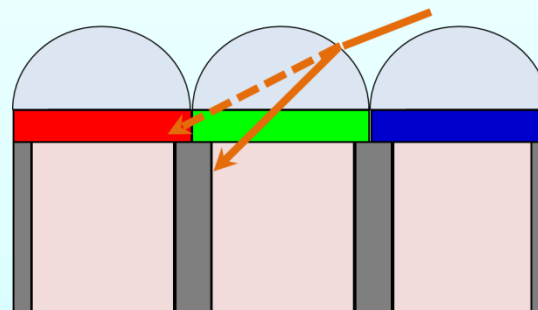
Microlens_HRI(High Refractive Index) materials



Advantages of High Refractive Index Materials



Increase the Quant. of Light
 ⇒ **High Quantum Efficiency**



Decrease the Light Leakage
 ⇒ **Pure Color**