

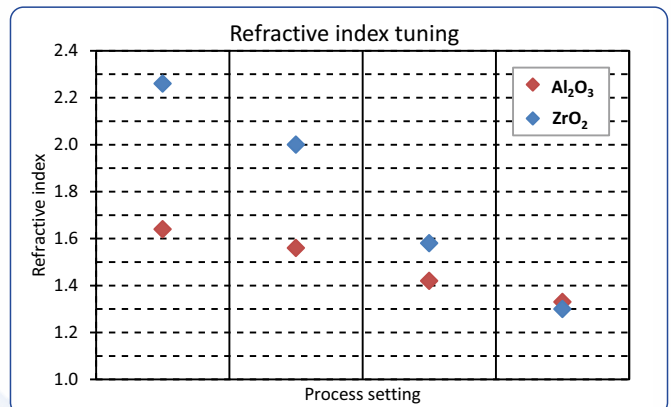
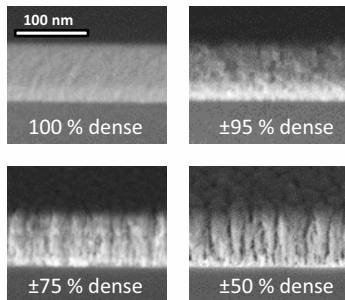
# Enhanced Optical Layers

Solmates Pulsed Laser Deposition process:

- Tunable refractive index
- Textured porous thin films
- Refractive index grading
- In situ V-coat deposition
- Low temperature processing, damage-free
- Wide choice of materials



Full dense to textured porous thin films  
(Cross section SEM  $ZrO_2$ )



Throughput indication (75 nm)

Wafer size	Wafers/hr
2"	180 - 240
4"	45 - 60
6"	20
8"	20

Solmates

Telephone : +31 - 53 7009 709  
E-mail : info@solmates.nl  
Website : www.solmates.nl

Auke Vleerstraat 3  
7521 PE, Enschede  
the Netherlands



