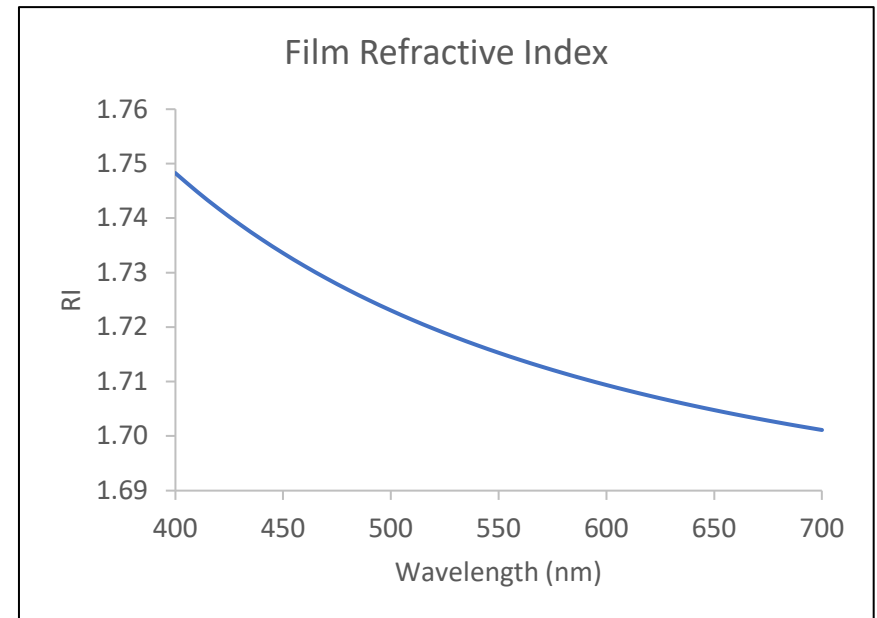
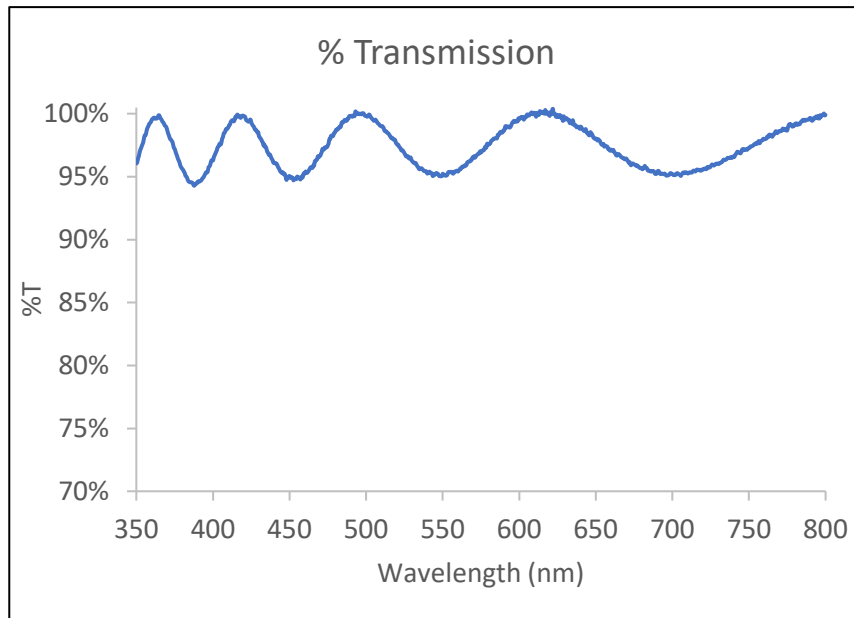


# PixNIL SZ1 Properties

Formulation	NP Film Loading (wt%)	Formulation Viscosity (cP)	Solvent-free Viscosity (cP)	Film Thickness (nm)	%Haze	Film RI (589 nm)
PixNIL SZ1	66	3.6	~10,000	700	0.00	1.71



# Film Conditions

Films were made on 2.5" square glass substrates.

- Spin-coating
  - 3,000 RPM/45 s
- Pre-bake
  - 120 C/ 1 min (hotplate)
- UV Curing
  - 365 or 385 UV LED
  - 320 mJ/cm<sup>2</sup>
  - N<sub>2</sub> atmosphere
- Post-bake
  - 100 C/ 15 min (oven)

Note: These are recommended conditions based on Pixelligent equipment. Film processing can be adapted to suit other application methods and cure conditions.