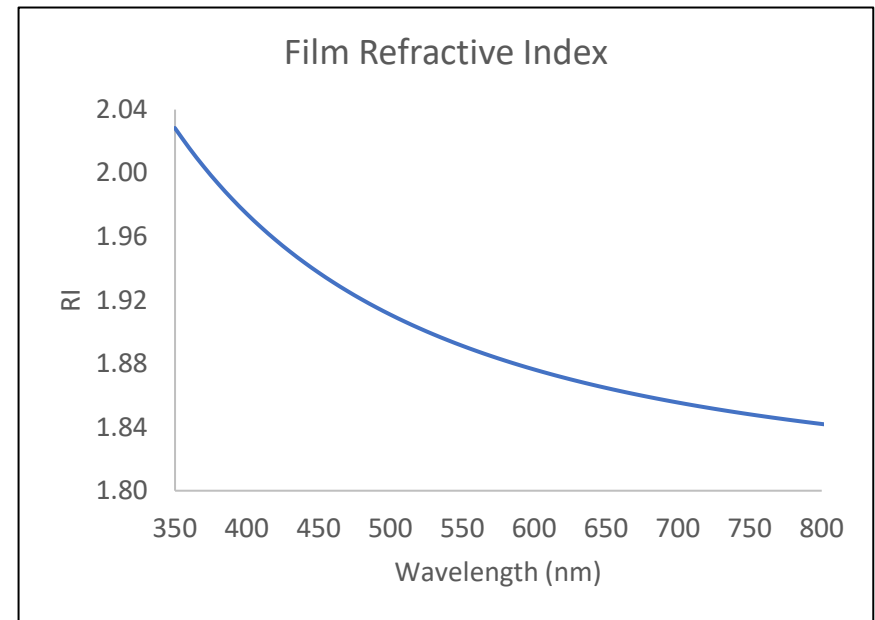
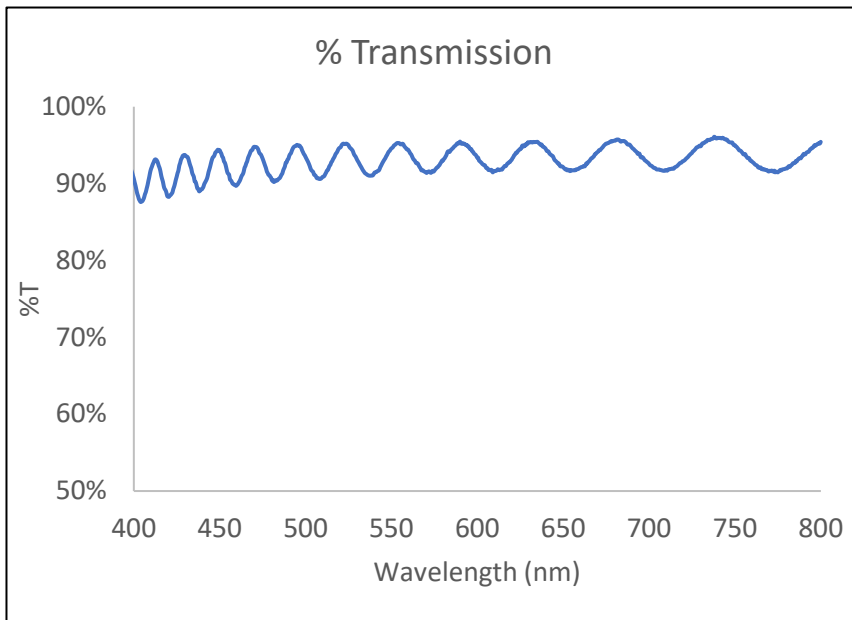


Optical Properties

Formulation	NP Film Loading (wt%)	Formulation Viscosity (cP)	Solvent-free Viscosity (cP)	Film Thickness (nm)	%Haze	Film RI (589 nm)
PixNIL ST2	75	3.5	N/A	775	0.05	1.88



Film Conditions

Films were made on 2.5” square glass substrates.

- Filtration
 - Formulation was filtered with a 0.2 micron filter
- Spin-coating
 - 3000 RPM/45 s
- Pre-bake
 - 50C/ 5 min (hotplate)
- UV Curing- 385 or 365 UV LED
 - 320 mJ/cm², 128 mJ/cm² x 2.5 s
 - N₂ atmosphere
- Post-bake
 - 100 C/ 5 min (oven)

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