

Innovative Polyimide Resin

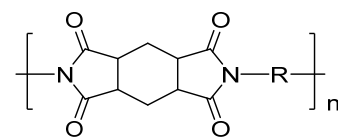
Neopulim[®]

Transparent Polyimide Varnish for Optical Components



Neopulim[®] Advantages

- **High Heat Resistance**
- **High Transparency**
- **Reduced Drying Time and Temperature**
- **High Refractive Index**



Varnish Grades & Structure

Neopulim[®]-S *High Transparency Standard grade*

Neopulim[®]-H *High Heat-Resistance grade*

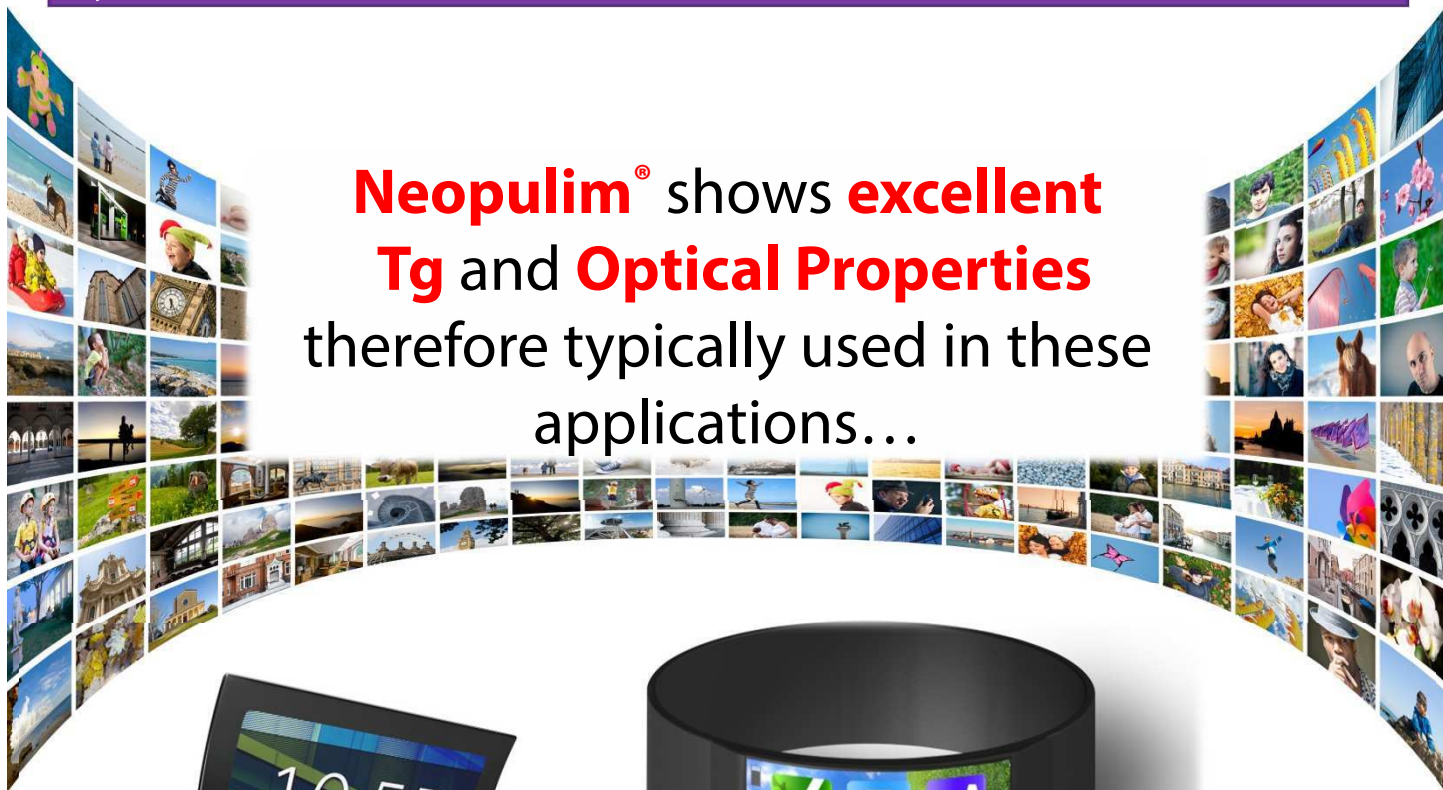
Neopulim[®]-R *High Refractive Index grade*

Optical & Thermal Properties

Film	Unit	Grade-S	Grade- H	Grade-R
Thickness	μm	10	15	40
Refractive index		1.62	-	1.67
Transmittance	%	89.9	90.0	86.3
Tg	°C	300	489	379
CTE (100-200°C)	ppm/°C	58	33	-
CTE (100-350°C)	ppm/°C	-	37	-

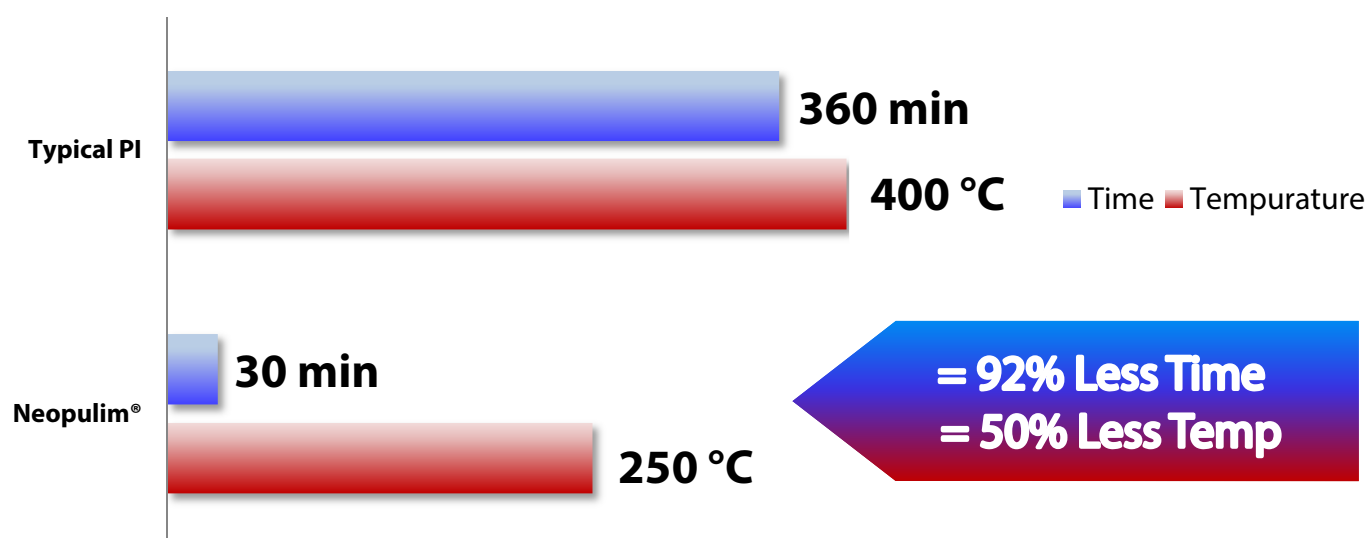
Typical Applications

Neopulim[®] shows **excellent Tg** and **Optical Properties** therefore typically used in these applications...



Film Forming Process: *Cost & Time Savings*

Easier Processability equals **Cost and Time Savings**



No Imidization needed... *Dry Only!*

Contact Information

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