

Heat Resistant PMMA **TN100**

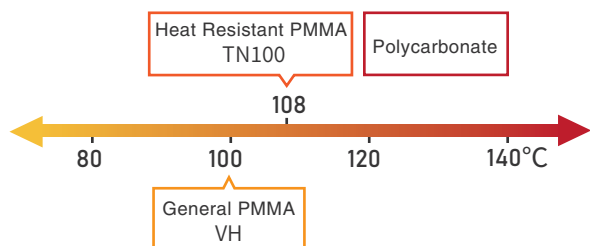
TN100 has Improved heat resistance without compromising the excellent features of PMMA (transparency, weatherability, etc.)



1. Feature

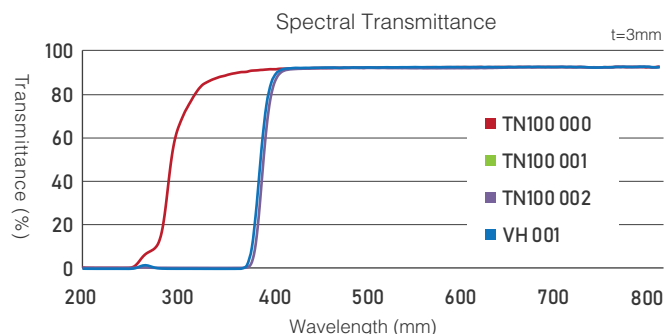
○ Heat Resistant

TN100 temperature of deflection under load is higher than our general PMMA VH by 8°C



○ Transparency and optical properties

TN100 has high transparency and optical properties same level as VH.



2. Total Luminous Transmittance

Item	Color No.	UV Absorber	Bluing Treatment	Total Luminous Transmittance ISO13468-1 Thickness: 3mm (%)	Refractive Index ISO489 (nd)	Temperature of Deflection Under Load ISO75-1,2 1.8MPa (°C)	Vicat Softening Temperature ISO 306 B50 (A50) (°C)	Melt Flow Rate ISO 1133-1 230°C, 3.80kg (g/10min)
TN100	000	×	×	92	1.49	108	114(121)	2.2
	001	○	×					
	002	○	○					
VH	001	○	×	93	1.49	100	107(115)	2.0

3. Application Example

TN100 is suitable for lenses and light guides that require heat resistance

- The content of this brochure may be changed without prior notice.
- The color tone may be different from the actual ones due to the characteristics of printing.
- The transcription of any data or information contained in this brochure without prior written content is strictly prohibited.