

# KIMOTO REFLECTION FILM

## REF-WHITE RW125

◎Application: Reflection Film, Bottom of Light Guide  
For Any Back Light

◎Structures

Microvoided Layer
<b>Microvoided White PET</b>
Microvoided Layer

◎Thickness & Optical Properties :

Total Thickness (±10 μ)	125 μ			JIS K7130
Spectral Reflection	450 nm	550 nm	650 nm	Shimazu UV-3100PC
	94.2%	94.8%	94.3%	

◎ Stabilities

		Spectral Reflection at 550nm	Test Method
Reference Value		94.8%	Shimazu UV-3100PC
High Temperature & Humidity (60°C, 90%Rh, 1000h)		95.0%	
Thermal Stability	Heat (80°C, 1000h)	94.5%	
	Cold (-20°C, 1000h)	94.8%	
Heat Cycle (-20~25~70~25°C, 30min./ea × 200cycle)		94.5%	
Light Resistance (Fade Meter, 500h)		95.4%	

◎ Mechanical Properties

Item		Unit	Result	Test Method
Thermal Expansion	MD	cm/cm/°C	2.8 X 10 <sup>-5</sup>	TMA Method
	TD		1.6 X 10 <sup>-5</sup>	
Tensile Strength	MD	kg/mm <sup>2</sup>	13.0	JIS C2318
	TD		18.0	
Elongation	MD	%	150	JIS C2318
	TD		100	

These values are typical data for this product under specific test conditions and not intended for use as limiting specifications.