

Technical Data Sheet

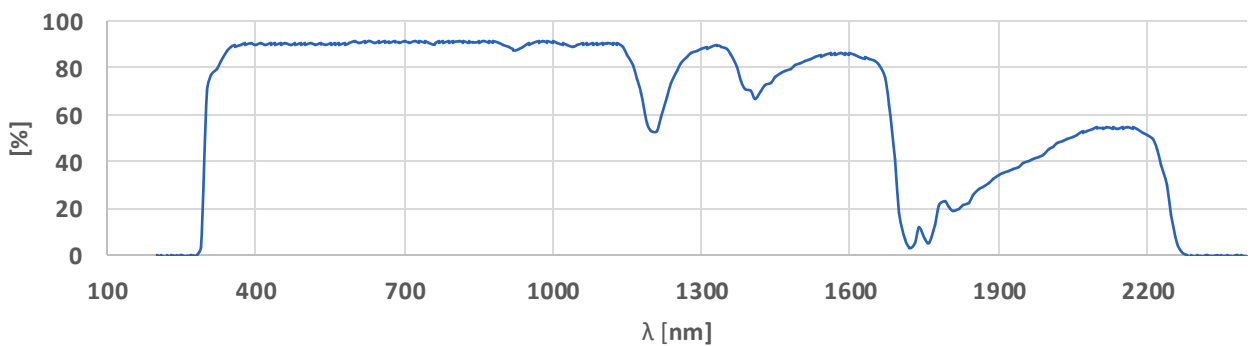
ZEONEX®

ZEONEX K22R

Crystal-clear, glass-like transparency combined with exceptional optical performance, outstanding purity, long-term dimensional stability, and minimal moisture uptake.



Transmittance [%]



Property	Value	Unit	Condition	Standard
Specific gravity	1,02			ASTM D792
Water absorption	< 0,01	%		ASTM D570
Refractive index	1,535		nd @ 25 °C	ASTM D542
Light transmittance	≥ 90	%		ASTM D1003
Glass transition temperature	143	°C		JIS K7121
MFR	32	g/10min	280 °C / 21,18 N	ISO 1133
MFR	10	g/10min	260 °C / 21,18 N	ISO 1133
Coefficient of thermal expansion	6,0 E-5	cm/cm·°C	MD	ASTM E831
Flexural strength	115	MPa		ISO 178
Flexural modulus	2400	MPa		ISO 178
Tensile strength	72	MPa		ISO 527
Tensile modulus	2600	MPa		ISO 527
Izod impact strength (Notched)	23	J/m	Notch 3.2 mm	ASTM D256