

Optical Properties of Commonly Used Thermoplastics

MATERIAL	PMMA	POLY-STYRENE	POLY-CARBONATE	COP	POLYESTER	N-BK7 (REFERENCE)
Index (D-Line 589.2nm)	1.49	1.59	1.585	1.53	1.61	1.52
Abbe Number	58	31	34	56	27	64
dN/dT (10 ⁻⁶ /C)	-105	-140	-107	-101	-130	3
Uncoated Transmittance in visible spectrum (%)	92	88	89	92	90	91
Birefringence (on a scale of 0 to 10)	4	10	7	2	2	1