

FACEPLATE

MEDICAL AND NON-DESTRUCTIVE TESTING
MATERIAL SPECIFICATIONS

Contact us regarding how we can customize our material to meet your specific needs

	BXE87	BXE387	BYD61	BYD62	B7D61	B7D62
Index of Refraction of Core	1.87	1.87	1.80	1.80	1.80	1.80
Theoretical Core Percentage	80%	80%	85%	90%	85%	90%
EMA Type and Layout	Enhanced Statistical - 1.6%	Enhanced Statistical - 4.9%	Enhanced Statistical - 1.6%	Enhanced Statistical - 1.6%	Enhanced Statistical - 1.6%	Enhanced Statistical - 1.6%
CTE (Coefficient of Thermal Expansion) (x 10 ⁻⁷ /C)	87	87	61	62	61	62
Numerical Aperture (N.A.)	1.00	1.00	1.00	1.00	1.00	1.00
Density (g/cm ³)	4.1	4.1	4.3	4.5	4.3	4.5
Shear Distortion*	<.002"	<.002"	<.002"	<.002"	<.002"	<.002"
Gross Distortion*	<.004"	<.004"	<.004"	<.004"	<.004"	<.004"
Lead Free Core	Yes	Yes	No	No	No	No
Fiber Size (microns)	6	6	6	9	6	9
X-ray Absorption	High	High	High	High	High	High
Low Browning	No	No	Yes	Yes	No	No
Application	Medical	Medical	Medical & NDT	Medical & NDT	Medical & NDT	Medical & NDT