

## Extruded PMMA Capped ABS

GENERAL	TEST	VALUE	UNIT
Density	ISO1183	1.05	g/cm <sup>3</sup>
Water Absorption	ISO62	0.95	%
MECHANICAL			
Tensile Strength	ISO527-2	45	MPa
Elongation at Break	ISO527-2	3	%
Tensile Modulus	ISO527-2	2400	MPa
Flexural Strength	ISO178	70	MPa
Flexural Modulus	ISO178	-	MPa
Izod Impact Strength, Notched, 23°C	ISO180/1A	33	kJ/m <sup>2</sup>
Izod Impact Strength, Notched, 30°C	ISO180/1A	12	kJ/m <sup>2</sup>
THERMAL			
Vicat Softening Temperature, B50, Annealed	ISO306	100	°C
Heat Distortion Temperature, 1.8MPa	EGR TS-001	85	°C
Linear Thermal Expansion	DIN53752	8-11	/°K x 10 <sup>-5</sup>