

**TOPAS® 8007X10**

COC

Polyplastics

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>2600</b>	MPa	ISO 527
Charpy impact strength, +23°C	<b>20</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>2.6</b>	kJ/m <sup>2</sup>	ISO 179/1eA

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Glass transition temperature, 10°C/min	<b>78</b>	°C	ISO 11357-1/-2
Temp. of deflection under load, 0.45 MPa	<b>75</b>	°C	ISO 75-1/-2
Vicat softening temperature, B	<b>80</b>	°C	ISO 306

<b>Electrical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Volume resistivity	<b>1E12</b>	Ohm*m	IEC 62631-3-1
Comparative tracking index	<b>600</b>	-	IEC 60112

<b>Optical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Luminous transmittance	<b>91</b>	%	ISO 13468-1, -2

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Water absorption	<b>0.01</b>	%	Sim. to ISO 62
Density	<b>1010</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Special Characteristics**

U.V. stabilized or stable to weather, Transparent

**Regional Availability**

Asia Pacific