



## Technical Data Sheet

Item	<b>CARBOREX PC Film</b>
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Section	Properties	Unit	Value	Method
Physical	Density	g/cm <sup>3</sup>	1.2	ISO 1183-1
	Water absorption rate	%	0.15	ISO 62 ( 23°C, 24hr )
Optical	Total Transmittance	%	90	ASTM D1003
	Haze	%	< 1.0	ASTM D1003
Mechanical	Tensile Strength at Yield	MPa	61	ISO 527-2
	Tensile Modulus of Elasticity	GPa	2.4	ISO 527-2
	Elongation at Break	%	65	ISO 527-2
	Flexural Strength	MPa	90	ISO 178
	Flexural Modulus	GPa	2.3	ISO 178
	Charpy Impact Strength	KJ/m <sup>2</sup>	70	ISO 179
Thermal	Heat Distortion Temp.	°C	132	ISO 75-2
	Vicat Softening Temp.	°C	145	ISO 306
Electical	Volume Resistivity	ohm-m	< 10 <sup>13</sup>	ASTM D257

※ All above typical values are not guaranteed but for reference only.  
All actual values should be approved by the customer.