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# TECHNICAL DATA SHEET

## KEASTAT™ CONDUCTIVE POLYCARBONATE

KEACO conductive polycarbonate roll stock is a material designed to manufacture carrier tapes that require superior physical protection. Recommended for 8mm and 12mm rotary formed carrier tapes and / or when extra rigidity, break resistance and strength is required.

Physical Property		Typical Value	Unit	Test Method
<b>Physical:</b>	Specific Gravity	1.27	g/cm <sup>3</sup>	ISO 1183
	Mold Shrinkage	0.4 – 0.6	%	ISO 294
<b>Mechanical:</b>	Tensile Strength @ Break	61	MPa	ISO 527
<b>Mechanical:</b>	Tensile Elongation @ Break	8 – 10	%	ISO 527
<b>Flexural:</b>	Flexural Strength	96	MPa	ISO 178
	Flexural Modulus	3032	MPa	ISO 178
<b>Impact:</b>	Notched Izod	128	J/m	ISO 840
<b>Electrical:</b>	Volume Resistivity	10 <sup>2</sup> – 10 <sup>4</sup>	Ohm/cm	IEC 60093
	Surface Resistivity	10 <sup>4</sup> – 10 <sup>6</sup>	Ohm/sq	IEC 60093

These values are typical in nature and are not intended for specification purposes.

**Storage Life:** At least one year when stored at less than 60° C (140° F), and sealed in the original packaging.

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