

**POLYlux 4010 MP**  
(PC+PBT)

Polykemi AB

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Molding shrinkage, parallel	<b>0.8</b>	%	ISO 294-4, 2577
Molding shrinkage, normal	<b>0.8</b>	%	ISO 294-4, 2577

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Strength	<b>50</b>	MPa	ISO 527
Flexural modulus, 23°C	<b>2000</b>	MPa	ISO 178
Charpy impact strength, +23°C	<b>N</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>45</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>			
Temp. of deflection under load, 1.80 MPa	<b>95</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>115</b>	°C	ISO 75-1/-2
Vicat softening temperature, B	<b>120</b>	°C	ISO 306

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1220</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics**

**Processing**  
Injection Molding

**Regional Availability**  
Europe, Asia Pacific