

**SCANTEC PC S60R**

PC

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>0.6</b>	%	ISO 294-4, 2577
Molding shrinkage, normal	<b>0.6</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>60</b>	MPa	ISO 527
Yield strain	<b>6</b>	%	ISO 527
Flexural modulus, 23°C	<b>2200</b>	MPa	ISO 178
Charpy notched impact strength, +23°C	<b>40</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>132</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>142</b>	°C	ISO 75-1/-2
Vicat softening temperature, A	<b>147</b>	°C	ISO 306
Vicat softening temperature, B	<b>142</b>	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn. Thickness tested	<b>V-2</b> <b>1.6</b>	class mm	IEC 60695-11-10 -
Glow Wire Ignition Temperature (GWIT)	<b>850</b>	°C	IEC 60695-2-13
GWIT - thickness tested (1)	<b>2</b>	mm	-

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1200</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding

**Regional Availability**

Europe, Asia Pacific