

**POLYfill PPHC K5020**

PP-MX20

Polykemi AB

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	<b>5</b>	g/10min	ISO 1133
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-
Molding shrinkage, parallel	<b>1.3</b>	%	ISO 294-4, 2577
Molding shrinkage, normal	<b>1.3</b>	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Strength	<b>27</b>	MPa	ISO 527
Yield strain	<b>8</b>	%	ISO 527
Flexural modulus, 23°C	<b>1600</b>	MPa	ISO 178
Flexural modulus	<b>2300</b>	MPa	ISO 178
Flexural modulus temperature	<b>-20</b>	°C	-
Charpy notched impact strength, +23°C	<b>6</b>	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>67</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>110</b>	°C	ISO 75-1/-2
Vicat softening temperature, A	<b>141</b>	°C	ISO 306
Vicat softening temperature, B	<b>76</b>	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	<b>HB</b>	class	IEC 60695-11-10
Thickness tested	<b>1.6</b>	mm	-
Glow Wire Ignition Temperature (GWIT)	<b>750</b>	°C	IEC 60695-2-13
GWIT - thickness tested (1)	<b>2</b>	mm	-
<b>Other properties</b>			
Density	<b>1040</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding

**Regional Availability**

Europe, Asia Pacific