

**SCANREX PPA F125 F50**

PPA-GF50

Polykemi AB

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Strength	<b>250</b>	MPa	ISO 527
Strain at break	<b>2</b>	%	ISO 527
Flexural modulus, 23°C	<b>16000</b>	MPa	ISO 178
Charpy notched impact strength, +23°C	<b>11</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>284</b>	°C	ISO 75-1/-2
Vicat softening temperature, A	<b>312</b>	°C	ISO 306
Vicat softening temperature, B	<b>289</b>	°C	ISO 306
<b>Other properties</b>			
Density	<b>1630</b>	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	<b>80</b>	°C	-
Pre-drying - Time	<b>4 - 12</b>	h	-
Processing humidity	<b>≤0.1</b>	%	-
Melt temperature	<b>330 - 345</b>	°C	-
Mold temperature	<b>140 - 160</b>	°C	-
Back pressure	<b>6 - 10</b>	MPa	-

**Characteristics****Processing**

Injection Molding

**Applications**

Automotive

**Chemical Resistance**

Oil Resistance

**Regional Availability**

Europe, Asia Pacific