

**HILUB 7A 640/352**

(PEK+PTFE)-GF

MAIP SRL

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Stress at break	<b>125</b>	MPa	ISO 527
Strain at break	<b>5</b>	%	ISO 527
Flexural modulus, 23°C	<b>6000</b>	MPa	ISO 178
Flexural strength	<b>175</b>	MPa	ISO 178
Izod notched impact strength, +23°C	<b>12</b>	kJ/m <sup>2</sup>	ISO 180/1A

<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>215</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>220</b>	°C	ISO 75-1/-2
Burning behav. at thickness h	<b>HB</b>	class	IEC 60695-11-10
Burning rate, FMVSS, Thickness 1 mm	<b>100</b>	mm/min	ISO 3795 (FMVSS 302)

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1590</b>	kg/m <sup>3</sup>	ISO 1183

<b>Processing Recommendation Injection Molding</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Pre-drying - Temperature	<b>70 - 90</b>	°C	-
Pre-drying - Time	<b>2 - 6</b>	h	-
Processing humidity	<b>≤0.05</b>	%	-
Melt temperature	<b>230 - 250</b>	°C	-
Mold temperature	<b>60 - 80</b>	°C	-

**Characteristics****Processing**

Injection Molding

**Regional Availability**

Europe

**Additives**

Lubricants