

**TABOREN PH 82 T 40-014**

PP-T40

Silon s.r.o.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	<b>14</b>	g/10min	ISO 1133
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Yield stress	<b>28</b>	MPa	ISO 527
Strain at break	<b>2</b>	%	ISO 527
Flexural modulus, 23°C	<b>4800</b>	MPa	ISO 178
Charpy impact strength, +23°C	<b>18</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>3</b>	kJ/m <sup>2</sup>	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Vicat softening temperature, A	<b>150</b>	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	<b>1230</b>	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	<b>80</b>	°C	-
Pre-drying - Time	<b>3</b>	h	-
Melt temperature	<b>200 - 250</b>	°C	-
Mold temperature	<b>30 - 50</b>	°C	-
Injection pressure	<b>90 - 130</b>	MPa	-

**Characteristics****Processing**

Injection Molding

**Delivery form**

Black

**Features**

Homopolymer

**Chemical Resistance**

Oxidation Resistance

**Applications**

Automotive

**Regional Availability**

Europe, Asia Pacific, South and Central America, Near East/Africa