

**TABOREN PH 42 T 20-990**

PP-T20

Silon s.r.o.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	<b>4.4</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>30</b>	MPa	ISO 527
Strain at break	<b>10</b>	%	ISO 527
Flexural modulus, 23°C	<b>3200</b>	MPa	ISO 178
Charpy impact strength, +23°C	<b>30</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>2.5</b>	kJ/m <sup>2</sup>	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Vicat softening temperature, A	<b>155</b>	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	<b>1040</b>	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	<b>80</b>	°C	-
Pre-drying - Time	<b>3</b>	h	-
Feed temperature	<b>15 - 40</b>	°C	-
Zone 1	<b>180 - 190</b>	°C	-
Zone 2	<b>190 - 200</b>	°C	-
Zone 3	<b>200 - 210</b>	°C	-
Nozzle temperature	<b>200 - 210</b>	°C	-

**Characteristics****Processing**

Pipe/Tube Extrusion, Profile Extrusion, Other Extrusion, Blow Molding

**Delivery form**

White

**Features**

Homopolymer

**Chemical Resistance**

Oxidation Resistance

**Applications**

Building Construction

**Regional Availability**

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