

**TABOREN PC 51 H 20-851**

PP-(T+GF)20

Silon s.r.o.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	5	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Yield stress	27	MPa	ISO 527
Strain at break	11	%	ISO 527
Flexural modulus, 23°C	2400	MPa	ISO 178
Charpy impact strength, +23°C	N	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	9	kJ/m <sup>2</sup>	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Vicat softening temperature, A	148	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1050	kg/m <sup>3</sup>	ISO 1183

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

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

U.V. stabilized or stable to weather

**Features**

Copolymer

**Chemical Resistance**

Oxidation Resistance

**Applications**

Building Construction

**Regional Availability**

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