

TABOREN PH 82 T 20

PP-T20

Silon s.r.o.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	18	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	30	MPa	ISO 527
Strain at break	8	%	ISO 527
Flexural modulus, 23°C	2600	MPa	ISO 178
Charpy impact strength, +23°C	25	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	2.5	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, A	152	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1040	kg/m ³	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

Delivery form

Natural Color

Features

Homopolymer

Chemical Resistance

Oxidation Resistance

Applications

Automotive

Regional Availability

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